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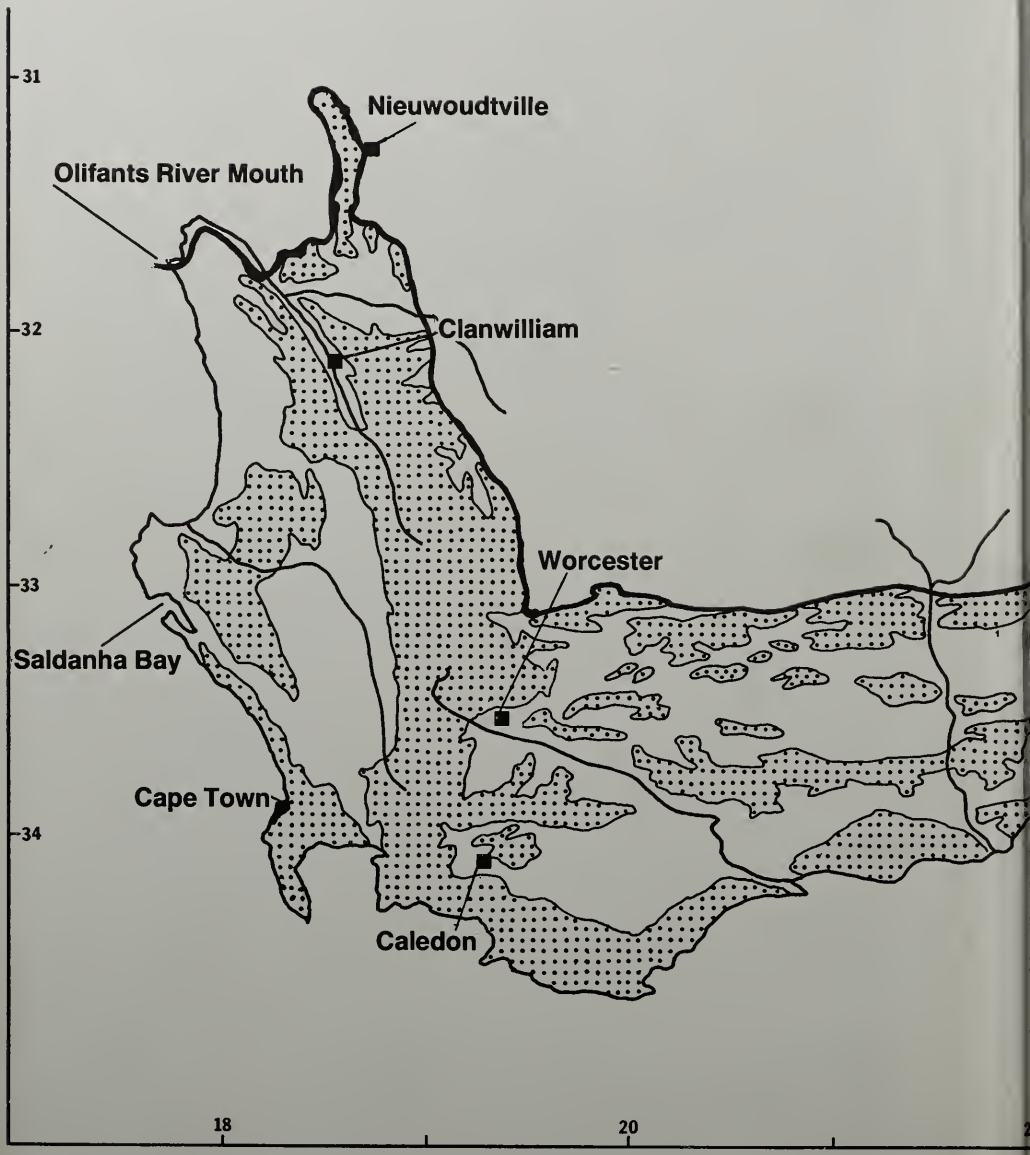
PLANTS OF THE CAPE FLORA
A Descriptive Catalogue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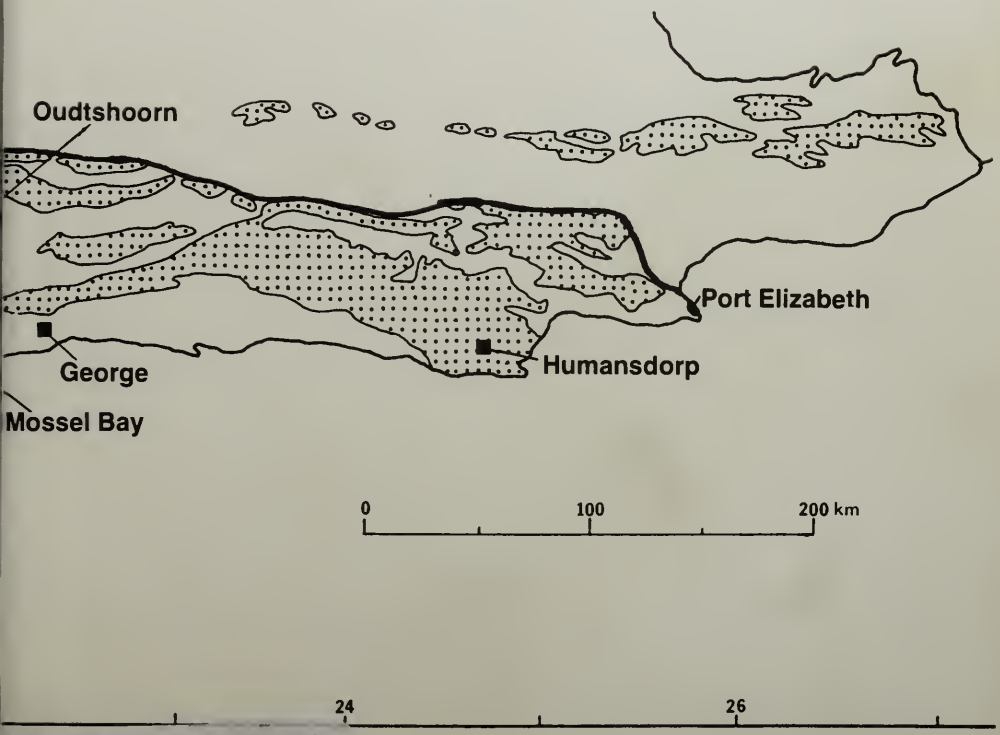
CAPE FLORAL REGION
with fynbos vegetation shaded



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PLANTS OF THE CAPE FLORA

A Descriptive Catalogue

JOURNAL
OF
SOUTH AFRICAN
BOTANY

SUPPLEMENTARY
VOLUME NO. 13

PLANTS OF THE CAPE FLORA

A Descriptive Catalogue

by

PAULINE BOND

Compton Herbarium,
National Botanic Gardens,
Kirstenbosch, Cape Town, R.S.A.

and

PETER GOLDBLATT

Curator of African Botany,
Missouri Botanical Garden,
St. Louis, Missouri, U.S.A.

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FOREWORD

Plants of the Cape Flora is the first attempt this century to compress within the pages of a single volume a brief enumeration of the flowering plants of the Cape Floristic Region. In the absence of a complete flora for what is certainly one of the most distinctive botanical regions of the world, it is hoped that this catalogue will serve as a useful interim working tool for botanists, field workers or other interested persons, particularly those who do not have regular access to herbaria or botanical libraries.

Initiated in 1978, the whole project was completed in the record time of six years. Strong co-operative bonds between the herbaria at Kirstenbosch and the Missouri Botanical Garden have been developed over the past decade, and this publication is proof of what can be achieved on such a basis, despite geographical obstacles. As joint authors, Pauline Bond and Peter Goldblatt, have drawn upon current literature, as well as the latest herbarium records, while many colleagues have generously contributed information from their specialist fields.

Despite a pooling of the best information to hand, one must expect some errors and defects, especially when dealing with such a large number of species from an area where basic botanical exploration is by no means complete. Indeed, if this book serves as a stimulus to update and augment existing data, a significant objective will have been realised.

All users will, I am sure, wish to congratulate the authors on their boldness in conceiving this project, and their tenacity of purpose in bringing it to a successful conclusion.

J.P. Rourke
Curator, Compton Herbarium, Kirstenbosch

ACKNOWLEDGEMENTS

We would like to express our thanks to the many botanists who have helped us with this project and have either contributed their time or expert knowledge of particular groups and have even permitted us to use data not yet published but in advanced stages of preparation. In our effort to have the Catalogue as current as possible, we have included several species that will only be published in the next few years. Those who have contributed to the success of the project include the following: Amelia Mauve (Obermeyer) (Asparagaceae, Juncaceae) and Peter Linder (Restionaceae, Orchidaceae), Botanical Research Institute; John Rourke (Proteaceae), Dee Snijman (Amaryllidaceae, other petaloid monocots), Pauline Perry (Eriospermaceae, Asphodelaceae - Bulbinella), Ernst van Jaarsveld (Asphodelaceae - Gasteria), W.F. Barker (Hyacinthaceae - Lachenalia) and Christien Malan assisted by A.W. Schumann (Erica), Compton Herbarium, Kirstenbosch; M. O'Connor Fenton (Mesembryanthemaceae), Anne Bean (Rutaceae - Agathosma) and Elsie Esterhuysen (Restionaceae), Bolus Herbarium, University of Cape Town; R.O. Moffet (Anacardiaceae) and F. Weitz (Asteraceae - Corymbium), University of the Western Cape; E.G. Oliver (Ericaceae) and P.J. Vorster (Geraniaceae - Pelargonium), Botanical Research Unit, Stellenbosch; Ion Williams (Rutaceae, Proteaceae - Leucadendron), Hermanus; H. Baijnath (Asphodelaceae - Bulbine), University of Durban-Westville; M.A.N. Muller (Asteraceae - Eriocephalus), South West Africa Herbarium, Windhoek; Charles Stirton (Fabaceae - esp. Otholobium, Psoralea), Royal Botanical Gardens, Kew; Bertil Nordenstam (Colchicaceae, miscellaneous Asteraceae), Kare Bremer (various genera of Asteraceae) and Per-Ola Karis (Asteraceae - Metalasia), Riksmuseet, Stockholm; Christian Puff (Rubiaceae), Botanisches Institut, Vienna; Ilkka Kukkonen (Cyperaceae - Schoenoxiphium), Botanical Museum, University of Helsinki.

The first draft of the Catalogue was typed by Rosemary Wiedemann at Kirstenbosch and the final draft by Ginger Whitacre at the Missouri Botanical Garden. We thank them both for their patience, enthusiasm and careful work in the last four years. We also thank Lovell Bosman, who edited this work for her patience and valuable advice at all stages of the project.

Supported in part by grant DEB 82-11787 from the United States National Science Foundation; and by the National Botanical Gardens, Kirstenbosch, Cape Town and Missouri Botanical Garden, St. Louis, Missouri.

PLANTS OF THE CAPE FLORA:

A Descriptive Catalogue of the Flowering Plants and Gymnosperms

ABSTRACT

The Cape Flora, famous for the beauty, richness, diversity and unusual composition of its plant life, occupies a small portion of the south and west coast of the Cape Province of South Africa, the Cape Floristic Region. In total area it is some 90 000 sq. km, less than 4 % of the land area of southern Africa, here regarded as comprising Namibia, Botswana as well as South Africa and enclosed states. There are some 8 504 species of flowering plants and gymnosperms and about 75 species of ferns and other non-flowering vascular plants in the flora, about 45 % of the plant species found in southern Africa. The Cape Flora contrasts sharply with the floras of adjacent parts of southern Africa in physiognomy and composition. Sclerophyllous to microphyllous shrubs of many families, notably Proteaceae, Ericaceae and Rutaceae, predominate the fynbos, the major vegetation type, while the ground cover consists largely of Restionaceae and Cyperaceae, and true grasses are rare. In hierarchical classifications of the floristic regions of the world, the Cape Flora is often regarded as one of the six major divisions, or kingdoms of equivalent importance to the Holarctic, Palaeotropic, Neotropic, Australasian and Antarctic Kingdoms and of these it is the smallest in land area.

Although the Cape Flora is regarded as fairly well known there are no formal written treatments of the flora, nor are any planned. The Cape Flora was treated as part of the flora of temperate Southern Africa in Flora Capensis (1862-1933) now largely outdated and is currently included in the Flora of Southern Africa. This covers an even larger land area than Flora Capensis and will not be completed this century at present rates. Thus data on the Cape Flora are not readily available to botanists, horticulturists, ecologists, foresters and conservationists studying this botanically extraordinary but ecologically fragile and much-endangered region. The Catalogue aims to fill this gap, and is a compilation of all seed plants occurring in the Cape Floristic Province. The treatment comprises an alphabetical listing by family, genus and species. The entries are acompanied by common name; brief descriptive data; flowering time; and distribution within and beyond the Cape Region.

INTRODUCTION

The plants of the Cape Floristic Region, or simply the Cape Flora, have long been famous for their beauty, richness, diversity and peculiar composition. When the first collections of Cape plants reached Europe in the late sixteenth and early seventeenth century at the time when Linnaeus was formulating his ideas on plant classification and nomenclature, they caused great scientific and horticultural excitement. These collections included examples of families such as Proteaceae, Restionaceae, Cunoniaceae and Bruniaceae that were remarkably different from any plants known at that time. These families, as well as a wealth of succulents and bulbous and cormous plants, provided a great stimulus to African plant exploration. In the century following Linnaeus, it gradually became clear that the plants of the south western corner of Africa were not at all representative of the African flora but contrasted remarkably from that of the surrounding African subcontinent.

The differences between the floras of the Cape Region and surrounding southern Africa are several and include vegetation structure, patterns of adaptation and specialisation, and composition of species, genera and families. The Cape Flora has a rich development of Proteaceae, Ericaceae, Rutaceae and Restionaceae, which are poorly represented elsewhere in Africa. In addition Asteraceae, Mesembryanthemaceae, Bruniaceae, Fabaceae, especially tribes Crotalarieae and Liparieae, Cyperaceae and Iridaceae, have radiated extensively here. Six families, all dicots, Penaeaceae (7 genera:21 species) Stilbaceae (5:13), Grubbiaceae (1:3), Roridulaceae (1:2), Retziaceae (1:1) and Geissolomataceae (1:1) are endemic and Bruniaceae (12:75) is nearly endemic with only two species outside the Cape Region.

The surface area of the Cape Floristic Region is small, ca. 90 000 sq. km., less than 4% of the area of southern Africa, defined for the Flora of Southern Africa to include South Africa, Lesotho, Swaziland, Botswana and Namibia. Despite the small area, there are some 8 504 species of seed plants and 74 species of pteridophytes in the Cape Flora, about 46 % of the total for southern Africa, itself floristically rich. Estimates of the size of the southern African flora range from 18 550 species (Goldblatt, 1978) to some 21 350 species (Gibbs Russell, 1984), making the Cape Flora between 40 % and 46 % of the southern African flora. The size of the Cape Flora is remarkable, and as far as is known, exceeds comparable temperate or subtropical regions of the world in number of species. The California Floristic Province which like the Cape Flora has a flora distinct from the surrounding continent, has about 4 500 species (Raven & Axelrod, 1978), in an area slightly more than three times that of the Cape Region (Table 4: 12)

Perhaps more remarkable than species diversity of the Cape Flora is the degree of endemism, which we find here to be of the order of 68,2 % for species and 19,5 % for genera. The earlier estimates given by Goldblatt (1978) of 73,1 % species and 20,7 % generic endemism were somewhat higher than the current figures that are based on a more rigorous study. This high level of endemism is a strong indication of the phytogeographic unity of the Cape Flora. It is intermediate between the characteristically high endemism of the floras of isolated islands (Hawaii 92,3 % endemic species; New Zealand 81,1 % endemic species) and floristically distinct regions within large land masses (California 47,7 % endemic species) and is striking for a small area, continuous with a large continent. The Cape Flora shares with island floras a delicate ecological balance. Exotic species readily become established and displace the native flora. As a result of this, combined with the naturally limited range of many species, urbanisation and the spread of agriculture, numerous Cape plants are now seriously endangered or extinct (Raven, 1977; Hall, 1983).

The features of the Cape Flora as briefly outlined above have led plant geographers to treat this region as a distinct phytogeographic unit (Good, 1947; 1974; Mattick, 1964; Takhtajan, 1969; White, 1978). Thus in hierarchical classifications of floristic regions the Cape Flora has often been treated as one of the six floristic kingdoms of the world, equivalent to the Holarctic, Palaeotropic, Neotropic, Australasian and Antarctic Kingdoms. Some recent studies have instead emphasised the floristic relationships of the Cape Region with other parts of Africa, and treat the Cape Flora as one of several major African floristic regions. White (1976a; 1978) regards the Cape as one of six phytogeographic regions in southern Africa (Fig. 1).

The background leading to the publication of this study is presented in the next chapter, followed by a discussion of the physical characteristics of the Cape Region as they relate to the flora. An analysis of the composition and diversity of the flora is then presented in the pages preceding a guide to how to use the Catalogue. At the end of the Catalogue itself, there is an appendix that presents statistics concerning the numbers of native genera and species in the families found in the Cape Flora and the levels of endemism.

Fig. 1. The Phytogeographic Regions of southern Africa following White (1976a; 1976b; 1978) with changes in the delimitation of the Cape Region.

BACKGROUND TO THIS WORK

The flora of the Cape Region has been studied since the Linnaean period when it was regarded with great interest because of the many unusual plants discovered there in the eighteenth century and brought to the attention of European scientists. Although the flora is well-known today, it has not been treated formally in modern times and there is consequently no easy way in which to obtain information on the species occurring in the region. The area of the Cape Floristic Region comprises only a small part of the Cape Province, the largest of the four provinces of South Africa. Plants of the Cape Flora have been treated in the major flora of the subcontinent, Flora Capensis (Harvey & Sonder, 1859-1865; Thiselton-Dyer, 1896-1933) which despite the name, deals with the flora of all of southern Africa south of the tropic of Capricorn. Flora Capensis, completed in 1933, treats only some 11 705 species of the more than 18 500 that are estimated to occur in this area (Goldblatt, 1978). In addition, the early volumes are wholly inadequate as regards distribution information while the taxonomy of almost every genus has changed so substantially that these early volumes are largely useless as a source of information on the current names and distribution of the species. A new Flora of Southern Africa (Codd et al., 1963-) is in preparation but at the present rate of publication will not be completed this century. As a result it will not be possible for some time to obtain data from this work on any more than a small number of the plants of the Cape Flora.

We hope that this Plants of the Cape Flora will fill an important gap in the literature both for researchers in the area and for science at large. The work has been modelled on a similar treatment for the flora of Western Australia (Beard, 1970) which was revised by one of the authors, Pauline Bond (Fairall).

The Catalogue comprises listings by genus and family of all species of flowering plants recorded within the Cape Floristic Region. Taxa are arranged alphabetically within the major groupings, Gymnosperms, Monocotyledons and Dicotyledons. This arrangement, we hope, will be the most helpful to users of the work. Information is based either on Flora Capensis, Flora of Southern Africa or the most recent revision or monograph available for any group, but is supplemented by herbarium data and by other published information. Except for genera revised within the last ten years, the major Cape herbaria, the Bolus Herbarium, University of Cape Town and the Compton Herbarium, National Botanic Gardens, Kirstenbosch, were routinely consulted for supplementary distribution data. Whenever possible we have consulted the current experts on particular plant groups and all have been generous with their help. Obviously distinct, but undescribed species, are usually included and we have used manuscript names when these are available. Species not yet published, but with the expectation that they will be within a year of the appearance of this work, are treated as valid names, while species that will be published later than this are designated as ined.

Information given for each species is neccessarily brief in order to contain the data in a single bock of manageable size. Data provided are discussed at greater length in a later section, How To Use The Catalogue. The information includes: available common names; appropriate, but brief descriptive phrase with indication of habit, size, flower colour, or other peculiarity; the flowering time; general range within the Cape Region (by district or region); and total range outside the area. Introduced taxa have been kept to a minimum, and only the most important and well established of these are included.

THE CAPE REGION - PHYSICAL ASPECTS

Geographic Definition

In a study such as this, exact definiton of land area is essential. A realistic enumeration of the flora can only be obtained by strictly defining the area. In practice it has been relatively simple to decide on the geographic limits and a preliminary step in this direction has been taken by one of us (Goldblatt, 1978). The limits were drawn around the major areas of fynbos, the most distinctive vegetation type in the Cape Flora. Since the vegetation of South Africa has been mapped in detail (Acocks, 1953), this boundary is readily determined. The distinction between fynbos and other vegetation is usually sharp, particularly along the inland edge of fynbos, where semidesert scrub vegetation of different facies and composition adjoins the fynbos. With the outer limits thus established, Cape Flora is taken to include all species occurring between this interior border and the south and west coasts (see Cover Map), and encompassing forest, renosterbos, sandveld, succulent karoo and valley bushveld vegetation.

The northern limit extends from the fynbos on the Nieuwoudtville (Bokkeveld) Escarpment to the Gifberg Massif and the Nardouw-Pakhuis-Cedarberg Mountains. The difference in the vegetation along the west coast is not sharp and we have arbitrarily drawn the northern margin from the Gifberg along the Olifants River to its mouth. In the south, the inland border runs along the base of the sandstone mountain belt of the Witteberg, Swartberg, Baviaanskloof and Great Winterhoek Mountains. These ranges form an almost continuous chain which run west to east and terminate at the Indian Ocean near Port Elizabeth. Fynbos outcrops also occur at higher altitudes of the Groot River Heights and Zuurberg Ranges which extend from near Willowmore to Grahamstown. Because these patches of fynbos are small, depauperate in species and essentially relictual we considered it best to exclude them. Their inclusion would make the area of the Cape Flora somewhat larger, but would introduce many taxa which do not occur in the Cape Floristic Region although they have a wide range elsewhere in Africa.

Since it was proposed in 1978, this definition of the Cape Floristic Region has been challenged by some phytogeographers and ecologists who prefer to define Cape Flora by vegetation type. Hence they frequently regard Fynbos and Cape Flora as synomymous while evergreen forest and other vegetation are considered parts of other floristic regions. While this treatment may be acceptable from an ecological point of view, it is virtually impossible to compile a complete and meaningful list of species of fynbos alone. This is partly because fynbos and other vegetation types (forest, renosterveld) are in ecotonal balance and successional under certain conditions, and also because exact limits of fynbos in the south western Cape are often obscured by local mixing of vegetation types.

Climate

The climate of the Cape Floristic Region is, for the most part, mediterranean or semi-mediterranean. In the west all precipitation falls in the winter months except at high altitudes where the prevailing summer south east winds provide substantial amounts of moisture from fog and cloud condensation. Winters are mild except at higher elevations where night temperatures fall well below freezing and snow may remain on the ground for several weeks. The rainfall pattern is orographic so that precipitation increases with altitude and rain shadow effects are more than usually pronounced.

Along the south coast, winter rainfall is complemented by some summer rain, which increases eastwards. The climate of the eastern half of the Cape Floristic Region is thus not strictly mediterranean (Goldblatt, 1978; Fuggle & Ashton, 1979). Winter precipitation and summer drought prevail north of the Cape Region in the western Karoo and Namaqualand, but these areas have a distinctive flora despite similarities in climate, and should not be considered part of the Cape Region. In general however, the Cape Region is usually regarded as one of the five areas of the world with a mediterranean climate, and the distinctive floras of each of these are often compared and contrasted with one another.

Landscape and Soils

The rugged and dissected nature of the Cape landscape is significant in understanding the flora and vegetation. Parallel series of steep mountains run more or less north to south along the west coast and west to east along the south coast. The ranges reach an average of 1 200 m, but the higher peaks rise above 2 000 m. The coastal plain is relatively narrow and the main ranges are separated from one another by long intermontane valleys, of which the main ones are the Olifants River Valley in the west, the Breede River Valley in the south western interior and the Little Karoo and Long Kloof in the south. The interior valleys are drier and hotter than the coastal plain and each has a very different flora despite a similar altitude. The coastal ranges also have a more amenable climate than the interior mountains and while the mountain floras are similar in aspect, the species are seldom shared.

Differences between montane and lowland components of the flora are enhanced by significant soil differences. The mountains are largely composed of quartzitic rock derived from the erosion-resistant Table Mountain and Witteberg Series of the Cape Geologic System and the soils are unusually coarse grained, acidic, nutrient-poor and infertile. In contrast, the valleys and the coastal plain generally have heavier, richer soils derived from the shales of the ancient Nama (Malmesbury) system or the Bokkeveld Series of the Cape System. Granites occur locally, especially along the west coast at lower altitudes. Limestone and calcareous rock are largely restricted to the south coast and support a distinctive assemblage of taxa. The combination of montane habitats with sandy soils and lowlands with either clay, alluvial sand or granitic soils has resulted in a mosaic of different microhabitats separated by small barriers that nevertheless reduce plant dispersal and promote population isolation. Consequently there is an unusually sharp distinction between mountain and lowland floras of the Cape Region and also between the floras of the major mountain belts and valleys. The ecology of the vegetation of the infertile sandy soils is fragile and many species are today endangered to some degree, through disturbance or because of their limited ranges.

Vegetation

The most characteristic vegetation type in the Cape Floristic Region is fynbos. Acocks recognised three sub types, Mountain Fynbos, False Fynbos and Coastal Fynbos, all of which are restricted entirely to the Cape Region with the exception of the small band of False Fynbos on the Groot River Heights and Zuurberg Mts. This vegetation type is readily recognised by the sclerophyllous to microphyllous nature of almost all woody taxa and by the presence of large numbers of species and individuals of Proteaceae, Ericaceae, Rutaceae and Restionaceae, while Poaceae, the true grasses, are rare. The various vegetation types and communities of the Cape Flora have been described recently in detail by Taylor (1978) and for information readers should consult this study.

Other vegetation types of the Cape Region include: West Coast Strandveld (extending north along the coast into Namibia); Karoo Broken Veld (also found in the Karoo north of the Swartberg Mts.); Coastal Renosterveld (restricted to the Cape Region); Mountain Renosterveld (also found in the Karoo and Namaqualand); and Knysna Forest most extensive along the south coast, but occurring in sheltered valleys and moist mountain slopes from the Cape Peninsula to Port Elizabeth. As defined by Acocks this latter vegetation type is restricted to the Cape Region, but it is obviously related to the evergreen montane forests of Africa. Small areas of Succulent Karoo Vegetation and Valley Bushveld occur locally. These are generally intermixed with other vegetation types and are significant in the Little Karoo and the eastern part of the southern Cape. There seems, however, no reason to try and exclude the relatively small number of species in these areas from the Cape Flora.

It does not seem appropriate in this book to dwell at length on features of the vegetation. The various types as defined by Acocks have been described in detail by Acocks (1953) and others, notably Marloth (1929), Bews (1925), Breitenbach (1972) and Taylor (1978). Fynbos is the most characteristic of the vegetation types in the flora and it is believed to be the most species rich and diverse. The distinctive Renosterveld is also rich in species and has a high endemic component. Microphyllous shrubs especially of Asteraceae and Thymelaeaceae predominate while there are many geophytes of several families but especially Iridaceae, Asphodelaceae, Hyacinthaceae and Oxalidaceae which comprise a substantial portion of the total species in this vegetation. The forest by contrast is species poor and low in endemism, though peculiar in some of its characteristic elements such as Podocarpaceae, Cunoniaceae, Oliniaceae and Curtisiaceae. The appearance and variation of the major vegetation types are illustrated in Figs. 2-13 which also show some characteristic species and give an impression of the main land forms of the Cape Region.

FAMILIES AND GENERA RECOGNISED

The 150 native families and 950 genera recognised here largely follows Dyer's (1976) Genera of Southern African Flowering Plants. However, there are several changes that we consider necessary as a result of new information presented since the publication of this work. Departures are several. In the dicots, Selaginaceae are merged with Scrophulariaceae, following Hilliard & Burtt (1977), who have pointed out that Selaginaceae are linked directly through Manuleae to Scrophulariaceae. Viscaceae are treated as separate from Loranthaceae, following current practice, while in the Cape Region, **Moquinella** and **Septulina** are recognised in place of **Loranthus** (Wiens & Tolken, 1979). In Asteraceae, the several changes in the circumscription of the **Helichrysum-Gnaphalium** alliance proposed by Hilliard & Burtt (1982) are included. These changes together with the addition of **Rosenia** (Bremer, 1976), the inclusion of **Chareis** in **Felicia** and the reduction of **Piloselloides**, substantially alter Asteraceae. Other departures from Dyer include recognition of the monotypic **Unigenes** (Campanulaceae); **Empleuridium**, assigned in the past to Rutaceae, is here treated in Celastraceae (Goldblatt et al., in prep.); the very distinctive **Nymania** is placed in Meliaceae, not in the monotypic Aitoniaceae, following Pennington & Styles (1975). New genera in Asclepiadaceae (**Orbea** and **Tridentea**), Rutaceae (**Sheilanthera**) and Proteaceae (**Vexatorella**) are among other notable developments. In Crassulaceae, **Tylecodon** has been segregated from **Cotyledon** while **Rochea** and **Vauanthes** are now included in **Crassula**.

In the monocots, changes are more extensive and fundamental. The restructuring of Liliaceae sensu lato as proposed by several authors and exemplified in the work of Dahlgren & Clifford (1982) is followed. Here, this diverse and heterogeneous family is subdivided into two orders and many families, of which the following occur in the Cape Flora: Asparagaceae; Asphodelaceae; Colchicaceae; Dracaenaceae; Eriospermaceae; and Hyacinthaceae. Liliaceae itself is strictly a Northern Hemisphere family. In Restionaceae, studies confirming that no genera are shared with Australia have resulted in the acceptance of new names for southern African **Leptocarpus** (now **Calopsis** and **Hydrophilos**) and **Hypolaena** (now **Mastersiella** and partly **Anthochortus**) while the genera **Ischyrolepis, Nevillea, Platycaulos, Dovea, Ceratocaryum** and **Askidosperma** are recognised to include some species previously in **Restio** and **Chondropetalum** by Linder (in prep.), who contributed this large family for the Catalogue. In Asparagaceae, two genera are now recognised, **Asparagopsis** and **Myrsiphyllum** (Obermeyer, 1983) in place of **Asparagus** in past treatments. Other changes in the monocots include the reduction to synonymy of **Engysiphon** in **Geissorhiza**, and the recognition of **Roggeveldia, Rheome** and **Sessilistigma** in Iridaceae, **Tenicroa** in Hyacinthaceae and the adoption of **Onixotis** for **Dipidax** (Colchicaceae). In Asphodelaceae, **Astroloba** and **Poellnitzia** are treated as distinct from **Haworthia.**

ANALYSIS OF THE FLORA

Families: Ranking and Endemism

Although the most striking features of the compostion of the flora are the presence of many conspicuous members of Proteaceae and Ericaceae, and the numerous Restionaceae that fill the niche usually occupied by grasses, the largest family in number of species is Asteraceae, with some 986 species and 109 genera (Table 1). Asteraceae comprise some 11,5 % of the total flora, a typical feature of

TABLE 1. Ranking of the 15 largest families in the Cape Flora by size. Percentage figures are of the total flora.

		Genera	Endemic		Species	Endemic
1.	Asteraceae	107	30	Asteraceae	986	608
2.	Mesembryanthemac.	61	16	Ericaceae	672	650
3.	Poaceae	61	4	Mesembryanthemac.	660	507
4.	Iridaceae	39	8	Fabaceae	644	525
5.	Fabaceae	38	8	Iridaceae	612	485
6.	Scrophulariaceae	35	5	Proteaceae	320	306
7.	Asclepiadaceae	29	1	Restionaceae	310	290
8.	Orchidaceae	28	4	Scrophulariaceae	310	160
9.	Cyperaceae	26	5	Rutaceae	259	242
10.	Apiaceae	24	3	Campanulaceae	222	157
11.	Ericaceae	22	17	Orchidaceae	206	124
12.	Hyacinthaceae	20	1	Cyperaceae	203	124
13.	Restionaceae	19	12	Poaceae	181	76
14.	Amaryllidaceae	15	3	Asphodelaceae	172	111
15.	Proteaceae	14	9	Hyacinthaceae	154	83
				TOTAL	5 911 (= 68,9 %)	

floras of temperate and the drier tropics. Ericaceae are the second largest family, and **Erica**, with 526 species, the largest genus. **Erica** alone comprises some 78 % of Cape Ericaceae and 6 % of the Cape Flora, a striking example of adaptive radiation in a genus largely confined to the nutrient-poor soils of the Cape mountains. Next in size is Mesembryanthemaceae, with 660 species in 61 genera, an unusually large number of species in a family poorly, if at all represented elsewhere in the world except in the arid areas of southern Africa where the family is equally important. Species of Mesembryanthemaceae are all succulent, and occur widely except in forest, and its strong representation in the flora reflects the unusual frequency of succulent plants in the southern Africa in many diverse families.

Fabaceae have 644 species and are the fourth largest family (Table 1). Almost all species belong to Papilionoideae, including many members of the tribes Crotalarieae and Liparieae. The large genus **Aspalathus** with 245 species in the Cape Region, comprises 38 % of Cape Fabaceae. Iridaceae, with 612 species, is fifth in size, a most unusual situation for a family that is normally only a small component of a flora (Goldblatt, 1978). Iridaceae have radiated to occupy several niches in which they are not found elsewhere, except to a small extent in adjacent southern Africa. The five largest families together comprise nearly 42 % of the total flora and the 15 largest, nearly 70 % of the flora.

Twelve families have more than 200 species (Table 1), but Proteaceae, Restionaceae, Scrophulariaceae, Rutaceae and Campanulaceae fall well behind the five major families with over 600 species each. Liliaceae in a broad sense is a major family in the Cape and southern African floras, but as treated here comprises several smaller families. Of these only Asphodelaceae, with 172 species, including the succulent genera such as **Aloe, Haworthia** and **Gasteria**, and Hyacinthaceae, with 154 species are of appreciable size, the latter including **Lachenalia**, of which there are 60 species in the Cape Flora.

The situation outlined above is largely similar to data presented earlier by one of us (Goldblatt, 1978: 382), making allowance for the restructuring of Liliaceae, previously sixth largest family and the inclusion here of Selaginaceae in Scrophulariaceae which raises it from thirteenth to eighth in number of species. The pattern of relative sizes of the families varies locally but Asteraceae have consistently been found to be the largest (Taylor, 1979) while the relative abundance of others varies considerably at different sites.

TABLE 2. Twenty largest genera in the Cape Flora. Percentage is the ten largest genera of the total flora.

Erica	526	Crassula	92
Aspalathus	245	Gladiolus	88
Ruschia	138	Restio	85
Phylica	133	Leucadendron	80
Agathosma	130	Thesium	80
Oxalis	129	Helichrysum	77
Pelargonium	125	Geissorhiza	75
Senecio	113	Protea	69
Cliffortia	106	Lachenalia	60
Muraltia	106	Indigofera	58
TOTAL	1 751 (= 20,4 %)		

The sizes of Cape families contrast with the flora of southern Africa as a whole, where Asteraceae are largest and Mesembryanthemaceae next, followed by Fabaceae, Iridaceae, Ericaceae, and Poaceae. Fabaceae and Iridaceae are better represented outside the Cape Region and displace Ericaceae in the larger area. The marked contrast between the Cape Flora and that of the rest of Africa is reflected by the presence of six endemic families, Penaeaceae, Stilbaceae, Roridulaceae, Retziaceae and Geissolomataceae and the nearly endemic Bruniaceae, only two species of which extend outside the Cape Region.

Genera and Species

Some 193 genera are endemic, 19,5 % of the total (Table 4). This level of endemism is unusually high and characteristic of areas that have been isolated for long periods. Species endemism of 68,2 % is even more striking. It is clear that most of the species in the Cape Flora evolved here under conditions that were very different from those that prevailed elsewhere in southern Africa in the past. The endemic species also comprise numerous relicts that have survived in the Cape Region, either in locally moist habitats that occur in montane areas even at times of extreme climatic stress, or were sheltered from competition by more successful species that have been unable to establish themselves in the Cape Flora.

Among the unusual characteristics of the Cape Flora are the many disproportionately large genera and a high genus to species ratio (Table 2, 3) that are often a feature of floras that developed in isolation and under unusual conditions of extreme climatic change or other ecological stresses of major proportions. The situation where 42 % of the species in a flora are in the five largest families, and nearly 20 % of the flora in the ten largest genera is also a reflection of the rapid evolution and radiation in isolated families and genera that were able to compete successfully under the conditions that prevalied at the Cape in the past as the African climate changed since the Oligocene (Axelrod & Raven, 1978) and became progressively more seasonal and arid.

TABLE 3. Selected statistics for the Cape Flora and various comparable regions. The figures represent the percentage of the total flora. Comparative data are from Goldblatt (1978) and Raven & Axelrod (1978).

Region	Species per Genus	Ten Largest Genera	Monocots	Asteraceae	Annuals
Cape Region	5,9	20,4	24,4	11,5	6,4
Southern Africa	7,7	15,1	23,0	11,0	7,0
Cape Peninsula	4,2	17,5	34,6	11,5	9,6
Natal	3,9	17,0	27,1	11,4	6-7
Eastern North America	5,2	21,8	28,2	12,7	8,7
Europe	7,8	14,0	18,0	12,0	?
California Floristic Province	5,6	15,2	19,2	13,6	27,4
Sonoran Desert	3,3	12,8	12,1	15,0	21,4
Texas	3,9	10,2	24,4	13,4	20,4
Hawaii	7,5	42,1	8,5	11,4	0,04
New Zealand	7,4	26,3	27,3	12,5	6,0

Fig 2. Restioveld, Steenbras Ridge, Kogelberg with *Elegia intermedia* in the foreground (J. P. Rourke)

Fig 3. Coastal fynbos on limestone at Hagelkraal, with *Leucadendron meridianum* in foreground and *L. xanthoconus* on acid sandy flats in background (Proteaceae) (J. P. Rourke)

Fig 4. Little Karoo near Bonnievale in bloom with *Moraea* (Iridaceae) and *Drosanthemum* (Mesembryanthemaceae) dominant (P. Goldblatt)

Fig 5. Petaloid monocot display after fire near Villiersdorp (P. Goldblatt)

The Cape Flora appears to be typical in the proportion of monocots in the total flora, 24,4 %, although locally on the Cape Peninsula (Table 3) the proportion of monocots is much higher than for the flora as a whole (Raven & Axelrod, 1978; Taylor, 1983). However, the range of monocots present is very different from that usually encountered. Graminoid taxa (Poaceae, Cyperaceae and Restionaceae) number some 730 species, while Lilioid taxa predominate with 1 340 species, a figure that represents 15 % of the total Cape Flora. These 15 % can be regarded as nearly all geophytic and the total proportion of such geophytes in the Cape Flora contrasts srtongly with other mediterranean areas. Comparative data assembled by Naveh & Whittaker (1980) indicate their fynbos sample has the highest percentage of geophytes of their study sites. Comparative figures for total floras are not readily available, but the Cape Flora is clearly remarkable in its low numbers of Poaceae in general, large numbers of Restionaceae and high proportion of petaloid monocots.

The Cape Flora is also unusual in having very low numbers of annuals, a feature noted in an earlier analysis (Goldblatt, 1978) whereas California and the Mediterranean have a rich annual flora, the California Floristic Province having 27,4 % annuals compared to 6,4 % in the Cape Flora. In contrast, south western Australia has realtively few annuals (Naveh & Whittaker, 1980). The paucity of annuals is probably a consequence of the peculiar infertile soils in the two areas.

Diversity

Species diversity in floras of areas with a mediterranean climate is widely believed to be among the highest in the world and plant communities in the Cape Region and in south western Australia are thought to have unusually high levels of alpha-diversity (number of species in a small area). Comparative data for mediterranean communities in South Africa, S W Australia, California and Israel and from several other temperate ecosystems presented by Naveh & Whittaker (1980) and Tilman et al. (1983) indicate the highest diversity in open shrubland in Israel with a maximum of 179 species in 0,1 ha. In contrast, species diversity in fynbos, the richest community in the Cape Region (Kruger & Taylor, 1979), ranges from 68 to a maximum of 128 species in 0,1 ha, totals not including all seasonal species.

Recent critical diversity studies in tropical forests make it clear that the tropics are far richer than even the most diverse mediterranean communities. Gentry & Dodson (in prep.) report diversity levels comparable with the richest mediterranean communities from dry and moist forest in Ecuador, where they found 169 and 173 species respectively in 0,1 ha. In wet forest at Rio Palenque, they recorded 365 species in 0,1 ha. Their data indicate that wet tropical forest is at least as rich as the richest mediterranean communities in trees alone but that vines, epiphytes, shrubs and herbs, often disregarded in diversity studies in tropical forest, contribute 50 % or more of the species in these communities. Gentry & Dodson's findings are comparable with the high diversity reported from the cerrado of Brazil (Eiten, 1978) in which as many as 230 species were recorded in 0,1 ha.

Plant communities in the Cape Region are, nevertheless, among the most species diverse in temperate areas. The Cape Flora appears to be particularly high in differences in species composition from one area to another (delta-diversity) and Kruger & Taylor report that comparable fynbos communities relatively short distances apart may differ in 50 % of their species. There is also no doubt that the Cape Flora is one of the richest and distinctive of any small area of the world. The clearest indications of this are comparisons with the floras of comparable parts of

TABLE 4. Comparison of genera and species of plants of various regions.

Region	Area 10^3 X km^2	Genera	% Endemic	Species	% Endemic
Cape Floristic Region	90	989	19,5	8 578	68,2
Southern Africa[a]	2 573	1 930	29,0	18 532	80,3
Cape Peninsula[b]	0,47	533	0,2	2 256	7,0
Natal[c]	91	1 238	?	4 826	?
Namibia[a]	827	910	2,4	3 210	?
Australia[d]	7 716	?	?	15 000[e]	85,0
South Western Australia[f]	320	287	20,0	3 600	68,0
Eastern North America[b] (Gray's Manual Area)	3 238	849	0,7	4 425	13,5
Europe[g] (Flora Europaea)	10 000	1 340	?	10 500	33,0
California Floristic Province[b]	324	795	6,3	4 452	47,7
British Isles[b]	308	545	0	1 443	1,2
New Zealand[b]	268	393	9,9	1 996	81,1
Hawaii[b]	16,6	253	12,3	1 897	92,3

[a]Goldblatt (1978). [b]Raven & Axelrod (1978) with more data.
[c]Ross (1973) including introduced species.
[d]Specht et al. (1974).
[e]Ride (1978) estimates ca. 25 000 species for Australia.
[f]Tilman et al. (1983). [g]Webb (1978).

the world. For example, the California Floristic Province and South Western Australia, each slightly more than three times the area of the Cape region, and with similar climate regimes, have some 4 450 and 3 600 species respectively. Other comparable data are presented in Table 4.

Origin and Evolution

The reasons for the high species diversity and unusual composition of the Cape Flora lie in the patterns of evolution and extinction that prevailed in this area as the flora evolved during the later Tertiary. The impetus for the development of the Cape Flora was probably the progressive deterioration of the climate of Africa from the Miocene, 26 m. y. ago, onwards. As Antarctica became more frigid and the influence of cold Antarctic ocean currents strengthened, south tropical Africa became cooler, drier and more seasonal. New factors such as drought resistance and fire tolerance became significant adaptations in the African flora and the selection for succulence, reduction in leaf size and sclerophylly, and for the development of underground storage and perennating organs was intensified.

The initial sites for the evolution of this flora were most likely in interior south-central Africa and cooler eastern upland areas. The Cape Region then lay several degrees to the south and was under the influence of the westerly winds and weather pattern that is probably an ancient climatic condition. Thus until the Pliocene, 3-5 m. y. ago, the Cape was probably clothed in evergreen forest of the type still present in southern Chile, New Zealand and Tasmania. Fossil evidence

Fig 6. Arid mountain fynbos on the Witteberg Mountains with *Leucadendron teretifolium* (Proteaceae) in the foreground and large-leafed *Protea lorifolia* (Proteaceae) (P. Goldblatt)

Fig 7. Moist mountain fynbos on Kogelberg, with *Erica borboniifolia* (Ericaceae), *Brunia alopecuroides* (Bruniaceae) and *Chondropetelum mucronatum* (Restionaceae) (J. P. Rourke)

Fig 8. Summer scene of lowlands with severe habitat destruction, looking towards Piketberg mountains (P. Goldblatt)

Fig 9. Limestone coastal fynbos on Soetanysberg, Cape Agulhas. *Leucospermum truncatum* (Proteaceae) in the foreground and *Erica gracilipes* (Ericaceae), *Mimetis saxatilis* (Proteaceae) and species of Restionaceae in background (J. P. Rourke)

indicates that this flora included palms, Casuarinaceae, Winteraceae and Sarcolaenaceae (Coetzee, 1978; Coetzee & Muller, in prep.), the latter three families no longer represented in continental Africa. The present Knysna forest and elements of the Afromontane forests are the remnant of this vegetation and although they are poor in species, they do contain several significant relicts.

The final phase of the climatic change that affected southern Africa came at the end of the Pliocene, when Africa had reached its present latitude. Aridity reached a peak and a mediterranean climate was established at the southern tip of Africa (Axelrod & Raven, 1978; Tankard & Rogers, 1978). The forest probably contracted rapidly at this time as a drought adapted flora spread at its expense, migrating from the arid interior, from the eastern highlands and from locally dry sites in and adjacent to the Cape Region. This flora must have included the ancestors of Proteaceae, Rutaceae and Iridaceae and other families that radiated extensively in the Cape especially in the poorer soils where competition was reduced. The climatic fluctuations of the Pleistocene continued this trend, causing local extinction or the contraction and isolation of previously continuous populations that promoted further speciation in those taxa that had become adapted to the new climate regime.

Similarities between the Cape and the temperate Australian floras in family composition and facies, pointed out by several phytogeographers are now believed to be the result of convergence and parallel evolution from an ancient pantropic stock, rather than the result of direct migration across land connections between these areas when the continental masses were in different positions.

The climate that developed in the south and western Cape together with the very dissected landscape, strongly favoured the local differentiation of plant populations. In the semi-arid conditions of a mediterranean climate, differences in soils and the amount of rainfall become unusually significant for plant survival. At the same time the relative importance of bees and other selective pollinators increases, thus pollinator activity in the Cape Region also tended to promote diversity. Another factor influencing the radiation of the flora was the peculiar nutrient-poor soils. Dispersal of seed by ants is a strategy unusually common on such soils (Milewski & Bond, 1982) and this has two important results. Seed is buried and thus protected from fire while dispersal distance is more limited than dispersal by wind or birds. This also tended to promote local population divergence and speciation in some families. The existence of mountain habitats were also significant for the evolution of the flora. The number of niches available for species were increased while locally moist montane sites must have been available in the driest periods of the Pleistocene so that extinction in the Cape Flora was probably less significant than would be expected at times of extreme climatic fluctuation (Kruger & Taylor, 1977; Cowling, 1983). South western Australia, which faced similar climatic changes, but lacked mountain refugia, has today a smaller flora although it is far larger in area than the Cape Region.

In summary, we suggest that the Cape Flora is the result of a unique combination of an equable climate, low rainfall and varied but largely infertile soils associated with a relatively old tropical African sclerophyllous vegetation, rugged topography and varied climates all closely juxtaposed to form a mosaic of diverse habitats on which is superimposed a range of plant species with unusually limited capabilities for dispersal and migration. Local trends in variation and evolution were enhanced to an exceptional degree while extinction due to climatic change was limited by the presence of pockets of suitable habitats even at times when aridity was at its most extreme. The effects of warm season aridity in these circumstances eliminated some species but allowed selected taxa to proliferate extensively.

HOW TO USE THE CATALOGUE

This book aims to list all species of Flowering Plants and Gymnosperms native to the Cape Floristic Region as well as some of the more common and conspicuous introduced and naturalised species. The latter are indicated in the text by an asterisk (*). The arrangement is alphabetical by family, genus and species but Gymnosperms, Monocots and Dicots are treated separately. In addition to the scientific name, the following information is provided: well-known common names; brief descriptive data, usually including habit, size and flower colour; flowering months; habitat and inclusive range within the Cape Region and in parentheses the complete range outside the Region. In order to keep the book to a reasonable size and thus to enhance its utility, entries are largely limited to one or two lines only.

COMMON NAME

Well-known common names are provided, the main references for which is Common Names of South African Plants (C.A. Smith, 1966). Common names that apply to all species of a genus or to several genera are not listed for every species but only for the more common representatives. For economy, English and Afrikaans versions of the same name are often not cited.

DESCRIPTIVE INFORMATION

The descriptive information is necessarily limited in this work and is not designed to permit species identification although in many cases the combination of description and distribution will aid determinations. The entries will seldom permit generic determinations and for this purpose other sources must be consulted. The data provided varies with the group, but in general includes:

Type of plant e.g. annual, perennial, succulent, shrub (when all members of a family are similar the type of plant is often not stated). Noteworthy features such as conspicuous pubescence, unusual colouration, spinescence, etc.

Indication of size in millimetres or metres.

Flower colour and some indication of flower shape e.g. zygomorphic, long-tubed, large, etc. when relevant.

FLOWERING TIME

The main flowering time is stated between semi-colons, the months indicated by number e.g. June = 6, etc. Occasionally fruiting time is provided for trees and is presented in the same way between semi-colons after the fruit description.

DISTRIBUTION

General but inclusive ranges are given following a brief indication of habitat. The ranges are presented with the most northerly areas first and moving south and then east. At the northern extreme are the Nieuwoudtville and Gifberg plateaus and in the east are the Uitenhage and Port Elizabeth districts. The range outside the Cape Region is indicated in less detail and in parentheses. Limitations of space make it impossible to provide more detailed distribution information.

Where town or city names are mentioned it must be understood that we are referring to the general district but that these areas do not correspond exactly to any formal political unit. The Little Karoo includes the area from Montagu to Oudtshoorn, generally encompassing the Swartberg Mts. The southern Cape extends from Caledon to Port Elizabeth including the Langeberg Mts. The west coast generally extends from the Olifants River mouth to the Cape Peninsula.

Fig 10. Sandveld in spring, Bokbaai, with yellow *Arctotheca calendula* and *Cotula turbinata* (Asteraceae) and mauve *Lampranthus vernalis* (Mesembryanthemaceae) (P. L. Perry)

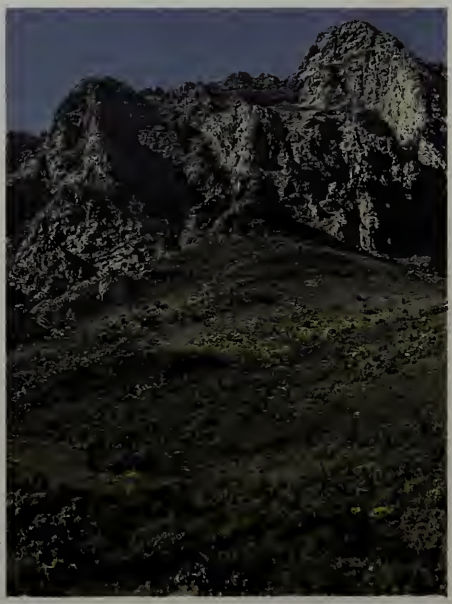

Fig 11. Mountain slopes near Worcester with fynbos-clad slopes and riverine bush in foregound (P. Goldblatt)

Fig 12. Mountain fynbos, Cold Bokkeveld (P. Goldblatt)

Fig 13. Little Karoo, scrub-covered hill with *Nymania capensis* (Meliaceae) in fruit (P. Goldblatt)

GYMNOSPERMAE

CUPRESSACEAE

WIDDRINGTONIA 3 sp - S W Cape to south tropical Africa

cedarbergensis Marsh - (Clanwilliam cedar, sederboom); usually a gnarled tree, 5-7 m but up to 20 m, cones rough and tubercled; rocky outcrops on mid to upper slopes, Cedarberg Mts.

cupressiodes (L.) Endl. - (= **W. nodiflora** (L.) Powrie) (mountain cypress, bergsipres); bush or tree to 6 m, cones smooth to wrinkled; rocky mountain slopes, Peninsula to Port Elizabeth (E Cape to south tropical Africa).

schwarzii (Marloth) Mast. - (Willowmore cedar, Baviaanskloofseder); large tree, 17-26 m, occ. 40 m, cones rough and tubercled; rocky ravines, Uniondale.

PINACEAE

PINUS ca 90 sp - north temperate and subtropical

***pinaster** Aiton - (cluster pine); grey-green tree to 30 m, needles paired, sparse and rigid, to 15 mm, cones large; sandy and rocky mountain slopes, Ceres, Peninsula to Port Elizabeth (widespread weed introduced from Mediterranean).

(**P. pinea** L. and **P. radiata** D. Don. occur in plantations but are not naturalised).

PODOCARPACEAE

PODOCARPUS ca 80 sp - south temperate and tropical

elongatus (Aiton) L'Her. ex Pers. - (Breede river yellowwood, Breërivier geelhout); spreading shrub or rounded tree, 3-6 m, seeds dark green, with a fleshy red false aril; Nieuwoudtville to Worcester, Piketberg, Caledon to Swellendam.

falcatus (Thunb.) R. Br. ex Mirbel - (Outeniqua yellowwood, Outeniekwageelhout); narrow-leafed tree, 20-60 m, seeds yellow to brown, without a fleshy aril; montane forests, Swellendam to Port Elizabeth (E Cape to tropical Africa).

latifolius (Thunb.) R. Br. ex Mirbel - (true yellowwood, opregte geelhout); tree, 2-30 m, seeds becoming bluish, with a fleshy reddish false aril; forests or open mountain slopes, Peninsula to Port Elizabeth (E Cape to tropical Africa).

ZAMIACEAE

ENCEPHALARTOS ca 35 sp - southern and tropical Africa

caffer (Thunb.) Lehm. - (boesmansbrood, broodboom); acaulescent, leaflets many, twisted at various angles, entire, female cones to 300 mm; 1-3; coastal grassveld, Humansdorp, Uitenhage (E Cape).

horridus (Jacq.) Lehm. - (cycad, broodboom); to 1 m, leaves glaucous, the leaflets lobed and spiny, female cones to 400 mm; 10-2; grassveld or karroid scrub, Uitenhage, Port Elizabeth.

lehmannii Lehm. - (cycad, broodboom); to 2 m, often branched from base, leaves dark green, leaflets usually entire, pungent, female cones to 500 mm; 2-5; karroid scrub, Humansdorp, Uitenhage (E Cape).

longifolius (Jacq.) Lehm. - (cycad, hottentotsbroodboom); to 3 m, often branched below, leaves dark green, leaflets finely pubescent, usually entire, pungent, female cones to 600 mm; 5-6; open slopes, Uniondale to Uitenhage (E Cape).

ANGIOSPERMAE - MONOCOTYLEDONAE

ALLIACEAE

AGAPANTHUS 10 sp - southern Africa, absent from arid areas

africanus (L.) Hoffsgg. - (bloulelie); 250-700 mm, flowers deep blue; 12-4; Peninsula, Paarl, east to Swellendam, mainly montane.
praecox Willd. - (bloulelie); 0,5-1 m, flowers blue to white; 12-2; Knysna to Port Elizabeth (E Cape and Transkei).
walshii L. Bolus - 600-700 mm, flowers deep blue, long-tubed; 1-2; sandy soils, Steenbras Mts., Caledon district.

ALLIUM ca 550 sp - mainly N Hemisphere

dregeanum Kunth - (wildelook, ajuin, wildeui); 350-800 mm, flowers white to pink; 10-12; dry areas, Clanwilliam to Riversdale, Long Kloof (Namaqualand, Karoo, OFS).

TULBAGHIA 20 sp - Cape to S tropical Africa

alliacea L.f. - (wildeknoflok, wild garlic); 150-300 mm, flowers brown and orange; 3-5; Peninsula to Clanwilliam (throughout southern Africa).
capensis L. - 150-350 mm, flowers brown to purple; 4-9; Peninsula to George.
dregeana Kunth - 150-250 mm, flowers green and yellow; 6-10; Nieuwoudtville plateau to Botterkloof and Wuppertal (W Karoo, Namaqualand).
violacea Harvey - (wildeknoflok, wild garlic); 200-350 mm, flowers purple; 12-4; Knysna to Port Elizabeth (E Cape).

AMARYLLIDACEAE

AMARYLLIS 1 sp - S W Cape

belladonna L. - (March lily, belladonna lily, Maartblom); to 900 mm, leaves several, channelled, flowers large, bell-like, shades of pink; 2-4; lower slopes, Olifants River Valley to Peninsula, Caledon to George.

AMMOCHARIS 5 sp - tropical and southern Africa

coranica (Ker Gawler) Herbert - (berglelie, gifbol, seeroogblom); 250-350 mm, leaves several, falcate, flowers pink, occ. red, in dense umbels; 11-2; karroid areas, Oudtshoorn to Uitenhage (southern Africa to S Angola and Zimbabwe).

APODOLIRION 5 sp - S Cape to Transvaal

lanceolatum (L.f.) Benth. - to 30 mm, stemless, leaf solitary, hysteranthous, often with crisped margins, flower solitary, white; 12-2; karroid flats, Ladismith, Oudtshoorn, Swellendam, rare.
macowanii Baker - to 80 mm, stemless, leaves 2-3, hysteranthous, coiled, fruit a long yellow berry, flowers white; 12-4; Uitenhage, Port Elizabeth (E Cape?).

BOOPHANE ca 5 sp - southern and S tropical Africa

disticha (L.f.) Herbert - (century plant, kopseerblom, gifbol); to 250 mm, leaves grey, flowers pink in dense umbels; 9, 11-2; Bredasdorp to Port Elizabeth (south and S tropical Africa).
flava W. Barker ex Snijman - to 450 mm, leaves hysteranthous, flowers pale yellow in dense umbels; 3-5; Gifberg to Nieuwoudtville (Namaqualand).
guttata (L.) Herbert - (April fool lily, Maartblom, sambreelblom); to 300 mm, leaves hysteranthous, lorate, margins ciliate, flowers pink to maroon; 2-4; sandy flats and lower slopes, Piketberg to Worcester, Peninsula to Swellendam.
haemanthoides F.M. Leighton - 300-500 mm, leaves hysteranthous, undulate, flowers cream with reddish tips; 11-12; coastal sand, Piketberg, Saldanha (Namaqualand).

BRUNSVIGIA ca 20 sp - southern and S tropical Africa

appendiculata F.M. Leighton - 180-300 mm, flowers small, pink with darker veins; 3-5; flats and lower slopes, Clanwilliam to Malmesbury (S Namaqualand).
bosmaniae F.M. Leighton - to 200 mm, flowers pink with darker veins; 3-5; Worcester, Clanwilliam (Karoo, Namaqualand).
comptonii W. Barker - to 120 mm, flowers pink; 2-3; shale flats or slopes, local in Little Karoo (W Karoo, Bushmanland).
gregaria R.A. Dyer - 120-250 mm, flowers pink to crimson; 3-4; Uniondale to Port Elizabeth (E Cape).
josephinae (Redoute) Ker Gawler - (kandelaarblom, lantanter); to 650 mm, flowers in large heads, crimson; 2-3; Worcester, Little Karoo to Uniondale (W Karoo).
litoralis R.A. Dyer - to 700 mm, flowers red; 2-3; coastal sand, Knysna to Port Elizabeth (possibly extending to E Cape).
marginata (Jacq.) Aiton - (= **Nerine marginata** Herbert); to 200 mm, flowers in compact heads, bright scarlet; 3-6; mountain slopes, Ceres, Worcester, Tulbagh, Paarl.
minor Lindley - (seeroogblom); 150-250 mm, flowers small, bright pink; 3-4; sandy slopes and plateaus, Nieuwoudtville to Ceres (S Namaqualand, W Karoo).
orientalis (L.) Aiton ex Ecklon - (candelabra flower, koningskandelaar, perdespook-bossie); 400-500 mm, flowers in large heads, deep pink to red; 2-4; sandy flats, Saldanha, Peninsula to Knysna.
striata (Jacq.) Aiton - 150-250 mm, flowers shades of pink; 3-4; Mossel Bay, Humansdorp.

CARPOLYZA 1 sp - S W Cape

spiralis (L'Her.) Salisb. - 50-150 mm, stem spiral at base, leaves filiform, lax, flowers small, white to pink; 5-8; rocks and wet flats, Peninsula to Riversdale, Montagu, Calitzdorp.

CRINUM ca 130 sp - pantropical but mainly Africa

lineare L.f. - 180-600 mm, flowers campanulate, white with pink flush; 1-3; coastal hills, Port Elizabeth (E Cape).
variabile (Jacq.) Herbert - 450-600 mm, flowers campanulate, pale to deep pink; 1-5; streambeds, Nieuwoudtville (W Karoo, Namaqualand).

CYBISTETES 1 sp - W Cape

longifolia (L.) Milne-Redh. & Schweick. - (malgas lily, malgaslelie); 250-350 mm, flowers fragrant, cream or pink; 1-4; sand flats, Gifberg to Peninsula.

CYRTANTHUS ca 50 sp - southern and tropical Africa

angustifolius (L.f.) Aiton - (fire lily, brandlelie, rooipypie); to 450 mm, flowers scarlet, pendulous; 10-4; mountain slopes, Tulbagh, Caledon to Swellendam, Oudtshoorn, Knysna, Humansdorp.

carneus Lindley - (grootrooipypie, sandlelie); to 1 m, flowers large, crimson; 1-2; coastal sand, Caledon to Swellendam.

clavatus (L'Her.) R.A. Dyer - (grasveldlelie); 80-200 mm, flowers cream, short tubes; 10-3; grassveld, Humansdorp to Port Elizabeth (E Cape).

collinus Ker Gawler - 150-250 mm, flowers bright red, pendulous, tubes short; 1-2; upper rocky slopes, Genadendal Mts.

fergusoniae L. Bolus - (rooisandpypie); 200-450 mm, flowers scarlet; 12-1; sandy coastal hills, Bredasdorp to George.

guthrieae L. Bolus - (Bredasdorp lily, berglelie); 100-120 mm, flowers bright red, solitary or paired; 3-4; lower slopes, Bredasdorp.

inaequalis O'Brien - (rooisandpypie); to 300 mm, flowers bright red; ?; George.

leucanthus Schltr. - (witbergpypie); 150-250 mm, flowers cream, solitary to three per head; 1-3; sandy flats, Caledon.

loddigesianus (Herbert) R.A. Dyer - (sandlelie); to 170 mm, flowers cream with green keels; 12-2; sandy slopes, Humansdorp, Port Elizabeth (E Cape).

montanus R.A. Dyer - to 100 mm, flowers large, red to purple; 1-2; rocky crevices on upper slopes, Baviaanskloof Mts.

obliquus (L.f.) Aiton - (Knysna lily, justafina, seeroogblom); to 600 mm, robust, flowers yellow or red with green markings; 9-12; grassveld, Knysna to Port Elizabeth (E Cape to Natal).

ochroleucus (Herbert) Burchell ex Steudel - (white Ifafa lily); 150-200 mm, flowers cream or whitish; ?; middle slopes, Riversdale (E Cape).

odorus Ker Gawler - to 200 mm, flowers dark red to maroon; 3-4; lower to middle slopes, Langeberg Mts. at Swellendam.

purpureus (Aiton) Traub - (= **Vallota speciosa** (L.f.) Durand & Schinz) (George lily, berglelie); to 450 mm, flowers scarlet, large; 11-3; forest and upper mountain slopes, Mossel Bay to Uitenhage.

smithiae Watt ex Harvey - to 300 mm, leaves coiled, flowers white or pink, tubes long; 12-1; drier areas, Uitenhage (E Cape).

speciosus R.A. Dyer - to 200 mm, flowers cream with reddish keels; 12-1; coastal sand, Port Elizabeth.

spiralis Burchell ex Ker Gawler - (varkstertlelie); 150-300 mm, leaves coiled, flowers red, pendulous; 12-2; flats and lower slopes, Uitenhage, Port Elizabeth (E Cape).

staadensis Schonl. - to 400 mm, flowers vermilion; 2-3; Uitenhage, Port Elizabeth.

ventricosus (Jacq.) Willd. - (brandlelie); 100-200 mm, flowers bright red, pendulous; 12-5; flats and lower slopes, Paarl, Peninsula to Mossel Bay.

GETHYLLIS ca 12 sp - S W to E Cape, Namaqualand, S Namibia

afra L. - (kukumakranka); 100-140 mm, leaves spirally twisted, flowers white with red stripe on reverse; 12-1; flats, Clanwilliam to Peninsula, Caledon.

britteniana Baker - (kukumakranka); to 150 mm, leaves spirally twisted, flowers large, white to pink; 1-4; sandveld, Gifberg, Clanwilliam (Namaqualand).

ciliaris (Thunb.) Thunb. - 100-200 mm, leaves spirally twisted, flowers white; 12-2; flats, Piketberg to Peninsula.

multifolia L. Bolus - 250-300 mm, leaves spirally twisted, flowers pale pink; 11-12; lower slopes, Worcester.
pusilla Baker - 70-120 mm, leaves often twisted, flowers white, pink on reverse; 11-1; sandy flats, Cape Peninsula.
undulata Herbert - (kukumakranka); to 250 mm, leaves with undulate margins, flowers large, white; 12-1; sandy flats, Clanwilliam to Malmesbury.
unilateralis L. Bolus - to 120 mm, leaves spirally twisted, flowers pink; 11; sandy flats, Oudtshoorn.
verrucosa Marloth - to 50 mm, leaves with silvery scales, flowers white; 12-5; Bredasdorp (Karoo).
verticillata R. Br. - to 200 mm, leaves coiled, flowers large, white; 11-12; rock outcrops on middle slopes, Piketberg (W Karoo, Namaqualand).
villosa (Thunb.) Thunb. - (kukumakranka, bitterkoppie); to 100 mm, leaves pubescent, spirally twisted, flowers pink or white; 8-1; Worcester, Peninsula, Mossel Bay (W Karoo?).

HAEMANTHUS 21 sp - southern Africa, mainly west coast

albiflos Jacq. - (April fool, poeierkwas); 60-300 mm, leaves broad, often pubescent, flowers white; 4-5; coastal bush, Knysna to Uitenhage (E Cape to Zululand).
amarylloides Jacq. - to 250 mm, leaves lorate, to 200 mm, flowers pink; 2-4; seasonally wet depressions, Nieuwoudtville (Namaqualand).
canaliculatus Levyns - to 200 mm, leaves narrow, erect to 350 mm, flowers scarlet, rarely pink; 12-3; swampy coastal flats after fire, Caledon.
coccineus L. - (April fool, blood flower, bergajuin); 60-200 mm, leaves tongue-shaped, suberect, flowers scarlet; 12-4; coastal scrub and lower slopes, Stellenbosch, Peninsula to Riversdale (Namaqualand, E Cape).
crispus Snijman - (= **H. undulatus** Herbert); 40-100 mm, leaves erect with wavy edges, flowers red; 3-4; stony, lower slopes, Clanwilliam (Namaqualand).
nortieri Isaac - to 200 mm, leaf solitary, erect, flowers red; 2-3; sandy plateau, Nardouw Mts.
pubescens L.f. - (paintbrush, poeierkwas); 70-120 mm, leaves suberect, pubescent, lorate, flowers red; 2-4; sandy flats, Clanwilliam to Peninsula (Namaqualand).
pumilio Jacq. - 50-140 mm, leaves erect, narrow, flowers pink; 3-4; wet sandy flats, Paarl, Stellenbosch.
sanguineus Jacq. - (April fool, velskoenblaar, brandlelie); 50-300 mm, leaves almost orbicular, prostrate, flowers red or pink; 2-3; lower slopes, widespread, Clanwilliam to Port Elizabeth.

HESSEA 12 sp - S W Cape to Namibia, Karoo

brachyscypha Baker - to 50 mm, flowers bright red; ?; Malmesbury (poorly known).
chaplinii W. Barker - to 80 mm, flowers white; 3-4; flats, Langebaan (S Namaqualand).
cinnamomea (L'Her.) Durand & Schinz - 60-150 mm, flowers pink; 5-8; sandy flats and plateaus, Gifberg, Clanwilliam, Ceres to Peninsula.
dregeana Kunth - (sambreeltjie); to 100 mm, flowers pink or red; 4-9; sandy pockets between rocks, lower slopes, Clanwilliam.
gemmata (Ker Gawler) Benth. - to 150 mm, flowers cream; 4-5; limestone flats or middle slopes, Bredasdorp, Riversdale, Ladismith to Uniondale.
leipoldtii L. Bolus - to 100 mm, flowers white; 3-5; sandy flats, Clanwilliam (W Karoo?).
mathewsii W. Barker - to 500 mm, scape flexuose, flowers pale pink with scarlet tips; 5; Malmesbury.

stellaris (Jacq.) Herbert - 70-200 mm, flowers purplish; 4-9?; sandy flats, Peninsula (probably extinct), Montagu.
tenella (L.f.) Oberm. - 100-200 mm, slender, leaves filiform, flowers pink or white; 5-7; damp, usually sandy flats and lower slopes, Worcester, Tulbagh to Peninsula, Caledon (W Karoo).
unguiculata W. Barker - 150-300 mm, flowers white with reddish keel; 4-5; lower slopes, Clanwilliam, Ceres.
zeyheri (Baker) Leighton - 100-200 mm, strap-shaped leaves, flowers pink; 4-6; sand between rocks, Clanwilliam to Malmesbury (Namaqualand).

NERINE ca 30 sp - southern Africa

humilis (Jacq.) Herbert - (incl. **N. breachiae** W. Barker, and **N. tulbaghensis** W. Barker) (nerine, berglelie, seeroogblom); 150-350 mm, leaves occ. prostrate, flowers pink; 4-5; sandy flats or lower slopes, Clanwilliam to Worcester, Montagu to Oudtshoorn, Paarl, Caledon to Riversdale.
peersii W. Barker - to 300 mm, leaves erect, flowers pink; 3-4; rocky slopes, Swartberg Mts.
pudica Hook. f. - 250-350 mm, leaves erect, flowers pink, tepals broad with dark keels; 4-5; lower slopes, Paarl Mts.
ridleyi E. Phillips - leaves erect, 250 mm, flowers pink; 5; Montagu.
sarniensis (L.) Herbert - (Guernsey lily, nerine, berglelie); 250-450 mm, leaves hysteranthous, flowers scarlet, occ. pink, with golden sheen; 3-5; rocky mountain slopes, Clanwilliam to Tulbagh, Paarl, Peninsula to Caledon.
undulata (L.) Herbert - 300-450 mm, leaves erect, flowers pink; 4-6; lower slopes, Humansdorp (E Cape, OFS).

SCADOXUS 9 sp - S Cape to tropical Africa

membranaceus (Baker) Friis & Nordal - (snake flower, seeroogblom); 120-300 mm, flowers red; 1-3; coastal sand, Bredasdorp, Uitenhage (E Cape to Zululand).
puniceus (L.) Friis & Nordal - (paintbrush, pincushion, rooikwas); 300-450 mm, flowers red or pink; 10-3; coastal bush, George to Port Elizabeth (E Cape to tropical Africa).

STRUMARIA 8 sp - W Cape to Namibia

picta W. Barker - to 150 mm, leaves broad, flowers white with pink keels; 4-5; rock outcrops, Lokenburg.
salteri W. Barker - to 200 mm, leaves hysteranthous, scape decumbent, flowers rose-pink, keels darker; 4-5; rocky slopes, Clanwilliam, Pakhuis Mts.
truncata Jacq. - 200-350 mm, leaves erect, lorate, flowers white to pink, pendulous; 4-6; sandy or stony sites, Clanwilliam (W Karoo, Namaqualand).
watermeyeri L. Bolus - 100-150 mm, leaves prostrate, flowers pale pink; 4-5; shallow sandy soil and rocks, Nieuwoudtville, Lokenburg.

APONOGETONACEAE

APONOGETON ca 30 sp - palaeotropics and southern Africa

angustifolius Aiton - (wateruintjie); aquatic with floating leaves, flowers white, scentless; 6-9; pool and ditches, Malmesbury to Peninsula, Worcester.
desertorum Zeyher ex Sprengel f. - aquatic, flowers whitish; 11-5; rock pools, Uitenhage (E Cape, Transvaal, Namibia).

distachyos L.f. - (vleikos, wateruintjie); aquatic with floating leaves, flowers white, scented; 7-12; pools and ditches, Nieuwoudtville to Ceres, Stellenbosch, Peninsula to Knysna.
junceus Lehm. ex Schldl. - (ramshorn, wateruintjie); aquatic, flowers white; 10-12; ponds, marshes and rivers, Riversdale, Uitenhage (southern Africa).

ARACEAE

ZANTEDESCHIA 7 sp - southern Africa

aethiopica (L.) Sprengel - (arum or pig lily, varkblom); tuberous perennial, 0,6-1 m, flowers white; 6-2; damp places, throughout the S W and S Cape (E Cape to Transvaal, cultivated worldwide).

ASPARAGACEAE

MYRSIPHYLLUM 12 sp - southern Africa

alopecurum Oberm. - to 800 mm, erect, brush-like; 4-10; rocky lower slopes and flats, Clanwilliam to Tulbagh, Little Karoo, Long Kloof (Namaqualand).
asparagoides (L.) Willd. - (breëblaarklimop, krulkransie); scrambling, to 3 m; 6-9; widespread, Gifberg to Port Elizabeth (to tropical Africa).
declinatum (L.) Oberm. - (= Asparagus crispus Lam.) (krulkransie); straggling, to 1 m, annual stems; 6-10; Saldanha, Peninsula east to Swellendam.
fasciculatum (Thunb.) Oberm. - (katstert); prostrate or climbing, to 1 m; 3-6; Peninsula to Ceres and Clanwilliam (W Karoo, Namaqualand).
kraussianum (Kunth) Oberm. - straggling, to 1 m; 9-10; shady places, Cape Peninsula.
multituberosum (R.A. Dyer) Oberm. - straggling, to 450 mm, root tubers crowded and thick; 8-9; rocky lower slopes and flats, Gifberg, Clanwilliam to Ceres at Karoopoort (W Karoo).
ovatum (T.M. Salter) Oberm. - straggling, to 1 m, root tubers remote and fusiform; 7; shade, Tulbagh, Malmesbury to Peninsula.
ramosissimum (Baker) Oberm. - scrambling or climbing, to 1 m; 9-2; moist shady places, Worcester to Riverdale (E Cape to E Transvaal).
scandens (Thunb.) Oberm. - scrambling or climbing, to 2 m; 9-1; shady damp sites, Peninsula to Humansdorp.
undulatum (L.f.) Oberm. - erect, to 400 mm; 7-10; sandy slopes and flats, Nieuwoudtville to Peninsula (Namaqualand, Namibia).
volubile (Thunb.) Oberm. - climbing or scrambling, to 1 m; 6-10; S Cape, Gansbaai to Port Elizabeth (E Cape).

PROTASPARAGUS ca 80 sp - mainly Africa, also Asia

acocksii (Jessop) Oberm. - scrambling, to 3 m; 10-3; Port Elizabeth (mainly Karoo and E Cape, also Namaqualand, Natal, Transvaal).
aethiopicus (L.) Oberm. - (haakdoring); erect, to 1 m, or climbing to 7 m; mainly 1-6; coastal forest; Peninsula to Port Elizabeth (to E Cape).
africanus (Lam.) Oberm. - (haakdoring, katdoring); climbing to 3 m, or bushy to 1 m; 8-12; Peninsula, Stellenbosch through S Cape (E Cape to Natal).
capensis (L.) Oberm. - (katdoring, wilde-aspersie); erect, to 1 m; mainly 4-8; Piketberg, Saldanha, Peninsula to Port Elizabeth (Karoo, S Namibia).
compactus (T.M. Salter) Oberm. - erect, white stems, to 500 mm; 10-5; Peninsula, Tulbagh, Caledon, Malmesbury (also Sutherland?).

densiflorus (Kunth) Oberm. - erect or decumbent, 300-600 mm; 10-3; Uitenhage (one record) (E Cape, mainly along coast to S Mozambique).
exuvialis (Burchell) Oberm. - (katbossie); erect or twining, 0,5-2 m; 10-4; widespread, dry areas, Clanwilliam to Port Elizabeth (dry parts of southern Africa).
macowanii (Baker) Oberm. - erect, to 2 m, flowers white; mainly 9-11; Knysna (mainly E Cape and Natal, also E Transvaal).
mucronatus (Jessop) Oberm. ined. - erect, to 1 m; 10-12; Worcester, Montagu and Port Elizabeth (Karoo and E Cape).
retrofractus (L.) Oberm. - (katdoring); scrambling, to 2 m; 4-6; Peninsula, Worcester, Nieuwoudtville (Karoo to Namibia).
rubicundus (Bergius) Oberm. - (wilde-aspersie); erect, 1-1,5 m; 1-6; widespread, Clanwilliam to Uitenhage.
setaceus (Kunth) Oberm. - (katstert, feathery asparagus); climbing, 3-4 m; 9-4; mainly forests, Swellendam to Humansdorp (S tropical Africa).
stipulaceus (Lam.) Oberm. - (wag-'n-bietjie, katdoring); erect, to 500 mm; 4-7; coastal, Peninsula to Bredasdorp, Port Elizabeth.
striatus (L.f.) Oberm. - (bergappel, bobbejaanappel); erect, spiny, to 500 mm; 8-1; Riversdale, Oudtshoorn, east to Port Elizabeth (Karoo, E Cape, S Namibia).
suaveolens (Burchell) Oberm. - (katdoring, wilde-aspersie); erect or climbing to 1 m; mainly 4-9; Clanwilliam, Caledon, Worcester to Port Elizabeth (widespread in S Africa).
subulatus (Thunb.) Oberm. - (katdoring); scrambling to climbing, to 2 m; 9-12; dry rocky sites, Humansdorp to Port Elizabeth.

ASPHODELACEAE

ALOE ca 200 sp - Africa, Madagascar

africana Miller - stem simple, 2-4 m, flowers yellow-orange; 7-9; Humansdorp to Port Elizabeth (E Cape).
arborescens Miller - (kransaalwyn); stem many-branched, 2-3 m, flowers scarlet, occ. yellow; 5-6; bush and forest, Caledon to Uitenhage (to S tropical Africa).
arenicola G. Reyn. - stem simple or branched, up to 1 m, leaves blue-green with white spots, flowers red; 7-1; coastal sandveld, Lamberts Bay (Namaqualand).
bowieae Roemer & Schultes - (= Chamaealoe africana (Haw.) A. Berger); acaulescent mat-forming succulent, leaves linear-subulate, pale green, scapes to 200 mm, flowers greenish-white; 3-10; Uitenhage to Port Elizabeth.
brevifolia Miller - (kleinduine-aalwyn); acaulescent, leaves lanceolate, in dense rosettes, scapes to 400 mm, flowers pale scarlet; 10-11; Caledon to Riversdale.
buhrii Lavranos - acaulescent, in dense clumps, leaves lanceolate, erect, grey, scapes to 600 mm, flowers red; 8-10; Nieuwoudtville plateau.
commixta A. Berger - succulent shrub, stems suberect to erect, to 1 m, leaves lanceolate, flowers yellowish to orange; 8-9; rocky slopes, Cape Peninsula.
comosa Marloth & A. Berger - stem unbranched, covered below with dead leaves, to 2 m, flowers ivory-pink; 12-1; dry slopes, Clanwilliam, Botterkloof.
comptonii G. Reyn. - stem short, leaves ascending, lanceolate, scapes 400-500 mm, flowers scarlet; 9-12; stony flats and slopes, Ladismith to Uniondale (S Karoo).
distans Haw. - stems 3-4 m, sprawling, leaves short, lanceolate, spotted white, flowers scarlet; 11-7; coastal, Saldanha to St. Helena Bay.
ferox Miller - (tapaalwyn, opregte-aalwyn); stem simple, 2-3 m, densely covered with dry leaves, flowers scarlet, occ. orange; 5-11; Little Karoo, Swellendam to Mossel Bay, Uniondale (E Karoo, E Cape, drier parts of OFS, Lesotho).

glauca Miller - (blou-aalwyn); stem short, leaves in dense rosettes, glaucous, scapes to 250 mm, flowers red with green tips; 7-10; mountain slopes, Clanwilliam, Piketberg, Caledon to Swellendam (W Karoo, Namaqualand).
gracilis Haw. - (rankaalwyn); shrub with branched slender erect stems, to 2 m, leaves narrowly lanceolate, flowers red, yellowish at mouth; 5-7; partly shaded slopes, Langeberg Mts., Humansdorp to Port Elizabeth.
haemanthifolia A. Berger & Marloth - acaulescent, leaves distichous, lorate, grey and spineless, scapes to 400 mm, flowers scarlet; 10-11; ledges and steep slopes, Stellenbosch, Tulbagh, Hex River Mts.
humilis (L.) Miller - acaulescent, in dense groups, leaves erect to slightly recurved, scapes to 350 mm, flowers scarlet, occ. orange, with reddish keels; 9-10; coastal, Mossel Bay to Port Elizabeth.
lineata (Aiton) Haw. - stem to 1,5 m, often branched from base, leaves lanceolate, grey, flowers salmon; 2-3; Little Karoo, Riversdale to Port Elizabeth (E Cape).
longistyla Baker - dwarf acaulescent succulent, leaves in dense compact rosettes, scapes to 200 mm, flowers salmon to red; 7-8; stony flats and lower slopes, Little Karoo (Karoo, E Cape).
micracantha Haw. - (wateraalwyn); acaulescent with thick fleshy fusiform roots, unbranched, leaves 120-180 mm, rigid, slender, scapes to 450 mm, flowers salmon-pink; 12-1; Long Kloof, Uniondale to Port Elizabeth (E Cape).
microstigma Salm-Dyck - stem short, to 500 mm, simple or branched, usually procumbent, leaves lanceolate-deltoid, scapes to 800 mm, flowers orange to yellow; 5-7; dry areas, Worcester, Ceres, Little Karoo (S Karoo, E Cape).
mitriformis Miller - (kransaalwyn); stem 1-2 m, sprawling, often branched, leaves dark green, ovate-lanceolate, flowers scarlet; 1-2; Nieuwoudtville to Peninsula, Caledon.
plicatilis (L.) Miller - (bergaalwyn); stout dichotomously branched shrub or small tree, 3-5 m, leaves grey, plicate, spineless, flowers scarlet; 8-10; stony mountain slopes, Tulbagh to Stellenbosch.
pluridens Haw. - (Fransaalwyn, garaa); simple or branched arborescent shrub, 2-3 m, leaves erect and spreading, gracefully recurved, flowers scarlet; 5-7; Humansdorp to Port Elizabeth (E Cape to Natal).
speciosa Baker - (Spaansaalwyn); stem 3-4 m, simple or branched, flowers white, tinged green; 8-9; Little Karoo, Montagu to Port Elizabeth (S Karoo, E Cape).
striata Haw. - stem short, decumbent, occ. branched, leaves grey, lanceolate, spreading, spineless, flowers coral; 8-9; Worcester, Little Karoo, Long Kloof to Port Elizabeth (E Cape, E Karoo).
succotrina Lam. - (bergaalwyn); stem short or to 2 m, occ. in dense clumps, flowers red with green tips; 6-9; sandstone rocks and cliffs, Peninsula to Hermanus.
variegata L. - (bontaalwyn, kanniedood); acaulescent, leaves in compact rosettes, green to brown, mottled white, scapes to 200 mm, flowers pink to red; 9; partial shade, stony ground, Ladismith to Uniondale (Karoo, S Namaqualand).

ANTHERICUM ca 50 sp - mainly tropical and subtropical Africa, Europe and possibly Central America

rangei Engl. & Krause - to 400 mm, flowers white; 1-3; Peninsula to Clanwilliam (Namaqualand, S Namibia).

ASTROLOBA 7 sp - Karoo, Little Karoo, E Cape

hallii Roberts ined. - to 150 mm, leaves with dark green lines and sparse tubercles, flowers greenish-brown with creamy yellow lobes; 5-9; Little Karoo (Karoo).
herrei Uitew. - to 200 mm, leaves bluish-green, smooth with dark green lines and sharp brown tips, flowers inflated, cream; ?; Uniondale (Karoo).

rugosa Roberts ined. - 60-250 mm, leaves very rough, flowers pink or greenish with cream lobes; 11, 4-5; Worcester, Swellendam, Little Karoo.
smutsiana Roberts ined. - to 150 mm, leaves smooth, ribbed when dry, flowers pale green with white or cream lobes; 3; Little Karoo (Karoo).
spiralis (L.) Uitew. - to 200 mm, leaves smooth, erect, sharp-pointed, flowers inflated, wrinkled, white with yellow lobes; 3-4; Little Karoo.

BULBINE ca 50 sp - southern and tropical Africa

abyssinica A. Richard - 400-600 mm, flowers yellow; 9-12; Peninsula to Port Elizabeth (Karoo, E Cape to tropical Africa).
alooides (L.) Willd. - 90-450 mm, flowers yellow; 1-12; Uniondale (E Cape, Karoo).
annua (L.) Willd. - annual, 250-400 mm, flowers yellow; 9-11; sandy soils, Saldanha, Malmesbury, Peninsula to Riversdale.
asphodeloides L. - (geelkatstert, kopieva); 60-550 mm, flowers yellow; 8-1; Uitenhage, Port Elizabeth (E and N Cape).
diphylla Schltr. ex Poelln. - 100-150 mm, flowers yellow; 6-9; Pakhuis Mts. (S Namaqualand).
dubia Schultes & Schultes f. - 80-300 mm, flowers yellow; 2-5; Clanwilliam, Paarl, Peninsula.
favosa (Thunb.) Roemer & Schultes - 150-200 mm, slender, flowers yellow; 4-5; Peninsula, Malmesbury, Caledon.
filifolia Baker - 150-400 mm, flowers yellow; 12-2; Worcester, Bredasdorp, Swellendam (E Cape).
flexicaulis Baker - (= **B. longifolia** Schinz); 100-350 mm, flowers yellow; 8-10; montane, Pakhuis, Cold Bokkeveld and Swartberg Mts.
flexuosa Schltr. - to 100 mm, leafless at flowering time, flowers yellow; 4; Clanwilliam to Botterkloof (S Namaqualand).
foleyi E. Phillips - 100-200 mm, flowers yellow; 12-4; Malmesbury, Paarl, Caledon.
frutescens (L.) Willd. - (= **B. caulescens** L., **B. rostrata** N.E. Br.) (rankkopieva); 100-400 mm, flowers white or yellow; 8-12; Little Karoo, Caledon to Port Elizabeth (E Cape, Namaqualand).
lagopus (Thunb.) N.E. Br. - to 400 mm, flowers yellow; 7-9; Piketberg to Peninsula, Caledon to Mossel Bay.
mesembryanthemoides Haw. - (waterglas, waterkannetjies); 120-200 mm, flowers yellow; 8-10; shallow soils, Langeberg, Swartberg and Hex River Mts.
monophylla Poelln. - 360-520 mm, flowers yellow; 9; Tulbagh.
nutans (Jacq.) Sprengel - 40-350 mm, flowers yellow; 3-5; Nieuwoudtville to Malmesbury (S Namaqualand).
praemorsa (Jacq.) Roemer & Schultes - (slymstok, slymuintjie); 400-600 mm, flowers yellow; Nieuwoudtville to Peninsula, Caledon.
torta N.E. Br. - 80-200 mm, leaves twisted, flowers yellow; 8-9; sandy soils, Nieuwoudtville to Clanwilliam (Namaqualand).
tuberosa (Miller) Oberm. - (= **B. pugioniformis** (Jacq.) Link) (wildekopieva); 200-400 mm, usually leafless at flowering, flowers yellow; 3-5; Clanwilliam to Peninsula, and east to Langeberg Mts.

BULBINELLA ca 10 sp - winter rainfall southern Africa, New Zealand

cauda-felis (L.) Durand & Schinz - (katstert); 400-800 mm, flowers white; 8-10; Saldanha, Piketberg to Nieuwoudtville.
floribunda (Aiton) Durand & Schinz - (seeroogkatstert, swartturk); to 1,2 m, flowers yellow to orange; 6-9; Nieuwoudtville to Peninsula, Worcester, Caledon.

triquetra (L.f.) Kunth - (katstert); to 600 mm, often slender, flowers yellow or white; mainly 6-9; Nieuwoudtville to Piketberg, Saldanha (Namaqualand, W Karoo).

CAESIA 12 sp - Cape Province, Madagascar, Australia

capensis (Bolus) Oberm. - to 70 mm, flowers pale blue; 11; high alt., Hex River, Swartberg and Winterhoek Mts.
contorta (L.f.) Durand & Schinz - (tjienkerientjee); 100-700 mm, flowers blue; mainly 10-12; Ceres, Peninsula to Humansdorp (Namaqualand, E Cape).

CHLOROPHYTUM ca 90 sp - mainly tropical Africa, also Asia

capense (L.) Voss - to 1 m, flowers white; 10-5; Humansdorp to Port Elizabeth (E Cape).
comosum (Thunb.) Jacq. - to 800 mm, flowers white; 10-4; forest areas, Swellendam to Uitenhage (E Cape, Natal, Transvaal).
crispum (Thunb.) Baker - to 500 mm, flowers white with green keels; 9-5; Riversdale to Port Elizabeth (E Cape).
lewisiae Oberm. - to 200 mm, flowers white with green keels; 9; Botterkloof Pass.
monophyllum Oberm. - to 500 mm, flowers white; 12; sandy flats, Cold Bokkeveld.
pauciphyllum Oberm. - to 150 mm, flowers white with green keels; 4-9; sandy soils, Cedarberg, Nardouw Mts.
rigidum Kunth - to 500 mm, flowers white with brown keels; 5-10; Stellenbosch to Worcester, Caledon.
triflorum (Aiton) Kunth - to 1 m, flowers white, reddish on reverse; 7-10; Peninsula to Piketberg.
undulatum (Jacq.) Oberm. - to 500 mm, flowers white with red keels; 7-10; Clanwilliam to Malmesbury, Stellenbosch (Namaqualand, W Karoo).
viscosum Kunth - to 600 mm, flowers white with dark keels; 6-10; Nieuwoudtville, Clanwilliam to Piketberg (Namaqualand, S Namibia).

GASTERIA ca 50 sp - dry areas of southern Africa

acinacifolia (Jacq.) Haw. - (= **G. candicans** Haw.) (bontaalwyn); to 150 mm, leaves spiralled, flowers pink and green; 10-12; Knysna to Port Elizabeth (E Cape).
angustiarum Poelln. - 80-90 mm, leaves distichous, flowers pink and green; 9-10; Little Karoo.
armstrongii Schum. - 5-10 mm, leaves distichous, flowers pink; 12-1; Humansdorp.
bicolor Haw. - (= **G. longibracteata** Poelln.); to 150 mm, caulescent, leaves distichous, flowers red and green; 9-10; S Cape.
brevifolia Haw. - 80-150 mm, leaves distichous, flowers red and green; 9-10; S Cape.
carinata (Miller) Haw. - (= **G. glabra** Haw.); 170-200 mm, leaves in a rosette, flowers red and green; 8-10; Montagu.
chamaegigas Poelln. - 60-70 mm, leaves spirally arranged, flowers red and green; 9; Port Elizabeth.
croucheri (Hook. f.) Baker - (bosaalwyn); 300-500 mm, leaves in a rosette, flowers pink and green; 10-1; Port Elizabeth (Natal).
decipiens Haw. - to 120 mm, leaves distichous or spirally arranged, flowers coral; 12; Port Elizabeth (E Cape).
disticha (L.) Haw. - (bontaalwyn); 70-300 mm, leaves distichous, flowers pink and green; 9-10; S W and S Cape.

excavata (Willd.) Haw. - 100-130 mm, leaves spirally arranged, flowers pink and green; 9-10; S Cape.
humilis Poelln. - 80-100 mm, leaves triangular, flowers pink and green; 9-10; Mossel Bay district.
joubertii Poelln. - to 100 mm, leaves distichous, flowers pink and green; 10-11; Little Karoo.
maculata (Thunb.) Haw. - (= **G. colubrina** N.E. Br., **G. marmorata** Baker) (bontaalwyn); caulescent, 150-350 mm, leaves spirally arranged, flowers pink and green; 8-10; George to Port Elizabeth.
nigricans Haw. - (= **G. angustifolia** (Aiton) Haw., **G. fasciata** (Salm-Dyck) Haw.) (hottentotsrys); 60-200 mm, leaves distichous or spirally arranged, flowers pink and green; 9-11; S W and S Cape to Port Elizabeth.
obtusifolia (Salm-Dyck) Haw. - (beestongblaar); 150-180 mm, leaves distichous, flowers pink and green; 9-11; Little Karoo.
pallescens Baker - caulescent, to 150 mm, leaves distichous or spirally arranged, flowers pink; 8-10; Port Elizabeth.
parvifolia Baker - 70-80 mm, leaves distichous or rosulate, flowers pink; 8-10; Little Karoo.
patentissima Poelln. - to 150 mm, leaves distichous, flowers pink and green; 9-10; Mossel Bay district.
picta Haw. - (bontaalwyn); eventually caulescent, 250-350 mm, leaves distichous, flowers pink; 9-10; S Cape.
pillansii L. Bolus - 100-170 mm, leaves distichous, flowers pink; 11-1; Clanwilliam.
planifolia Baker - caulescent, 150-250 mm, leaves distichous, flowers pink and green; 9-10; Port Elizabeth.
porphyrophylla Baker - caulescent, 150-200 mm, leaves distichous or spirally arranged, flowers pink and green; 9-10; S Cape.
prolifera Lemaire - 200-300 mm, leaves in a rosette, flowers pink and green; 9-10; S Cape.
rawlinsonii Oberm. - caulescent, to 80 mm, scapes nodding, to 1 m, leaves distichous, flowers pink and green; 8-10; rock crevices, Baviaanskloof Mts.
schweikerdtiana Poelln. - 140-180 mm, leaves distichous or spirally arranged, flowers pink; 8-10; Mossel Bay district.
spiralis Baker - caulescent, 100-150 mm, leaves distichous or spirally arranged, flowers pink and green; 9-10; S Cape.
sulcata (Salm-Dyck) Haw. - 100-110 mm, leaves distichous, flowers pink; 8-10; S Cape.
verrucosa (Salm-Dyck) Haw. - (= **G. subverrucosa** (Salm-Dyck) Haw.) (bontaalwyn); 200-250 mm, leaves distichous, flowers pink and green; 9-10; S Cape.

HAWORTHIA ca 70 sp - dry parts of southern Africa

arachnoidea (L.) Duval - (spinnekopbolletjie); leaves green with long white hairs, rosettes compact; slopes and under bushes, Worcester to Montagu, Ladismith, Oudtshoorn (W Karoo, Namaqualand).
aranea (A. Berger) M. Bayer - leaves green, covered with soft white hairs; fynbos, Oudtshoorn to Uniondale.
attenuata Haw. - leaves erect, attenuate, green to brownish, with small to large banded tubercles, rosettes often clustered; Humansdorp, Uitenhage (E Cape).
blackburniae W. Barker - leaves slender, canaliculate, grey-green and smooth; south slopes, Rooiberg Mts., Little Karoo.
chloracantha Haw. - leaves pale to deep green, 30-60 mm, with short to obscure teeth, rosettes often clustered; S Cape, Albertina to Mossel Bay.

comptoniana G.G. Smith - leaves nearly prostrate with flattened ends, smooth, pellucid, purplish-brown, rosettes to 120 mm in diam.; quartzite patches, Little Karoo.

divergens M. Bayer - leaves dark green to reddish, slender and erect to incurved with white teeth, rosettes clustered; Outeniqua foothills, Oudtshoorn to Uniondale.

ernelyae Poelln. - leaves short and fleshy, pale green, scabrid above to spinescent, rosettes close to ground level; Little Karoo, Ladismith to Uniondale.

fasciata (Willd.) Haw. - leaves green, fairly broad, incurved, with white banded tubercles, rosettes dense, often clustered, occ. caulescent; sandstone soils, Humansdorp to Port Elizabeth.

floribunda Poelln. - leaves lanceolate, twisted, dark green, margins denticulate; shaded south slopes, S Cape, Heidelberg to Gouritz River.

graminifolia G.G. Smith - leaves long, slender and grass-like, channelled, to 300 mm; rocky slopes, Schoemanspoort, Swartberg Mts.

habdomadis Poelln. - leaves pale green, fleshy, smooth or spinescent, rosettes short, solitary; Little Karoo, Anysberg to Uniondale.

heidelbergensis G.G. Smith - leaves fleshy, tapering to slender points, lightly serrate, rosettes solitary; S Cape, Bredasdorp to Heidelberg.

herbacea (Miller) Stearn - leaves yellow-green, with white teeth, rosettes clustered; Worcester to MacGregor.

kingiana Poelln. - leaves erect, pungent, bright green with indistinct pale tubercles, rosettes to 150 mm; Herbertsdale to Mossel Bay.

longiana Poelln. - leaves slender, rigid, erect, light green, nearly smooth; steep rocky slopes, Humansdorp, Uitenhage.

maculata (Poelln.) M. Bayer - leaves purple, succulent, lightly dentate, rosettes solitary; Hex River Valley, Worcester.

magnifica Poelln. - leaves dark green, flat above and rough, the tips recurved, lightly dentate; Worcester to Riversdale, Bredasdorp.

marginata (Lam.) Stearn - leaves silver-green to yellowish, deltoid, pungent, smooth; coastal renosterveld, shale or sandstone flats, Robertson, Bredasdorp, Riversdale.

maughanii Poelln. - leaves grey-green, succulent and truncate, rosettes solitary; Little Karoo, Calitzdorp.

minima (Aiton) Haw. - leaves erect, dark green with white tubercles, to 120 mm, rosettes clustered; coastal renosterveld, Bredasdorp to Gouritz River.

mirabilis Haw. - leaves translucent, brownish, triangular, the tips curving upward, often lightly dentate; Caledon, Bredasdorp.

mutica Haw. - leaves short, blunt, purple-brown, rosettes solitary, at ground level; Bredasdorp to Heidelberg.

nortieri G.G. Smith - leaves light green, serrate, acuminate, rosettes solitary; Clanwilliam to Elands Kloof (S Namaqualand).

parkesiana Poelln. - leaves recurved, brownish, rosettes with many leaves; under shrubs, among lichens and leaf debris, Mossel Bay.

poelnitziana Uitew. - leaves dark green with white tubercles, erect, to 180 mm; Montagu, Swellendam.

pubescens M. Bayer - leaves green, roughly pubescent throughout, erect and incurved; quartzite hills, Worcester.

pulchella M. Bayer - leaves dark green, toothed, erect; rocky sites, Touwsrivier.

pumila (L.) Duval - (vratjiesaalwee); leaves brown to green with large whitish to brown tubercles, rosettes solitary, to 300 mm; karroid veld, Worcester, Robertson, Montagu.

pygmaea Poelln. - leaves greyish, translucent, often scabrid to papillate, flat above, obtuse; Mossel Bay.

radula (Jacq.) Haw. - leaves green, densely covered with minute white tubercles, slender and nearly erect; Humansdorp.
reticulata Haw. - leaves usually glabrous, turgid below, green to brown, mottled, rosettes often clustered; Worcester to Robertson.
retusa (L.) Duval - leaves dark green-brown to purplish, somewhat translucent, flat above, apices often recurved; Swellendam to Mossel Bay.
rycroftiana M. Bayer - leaves yellowish, turgid, tapering above and erect, smooth; Gouritz River Valley, Little Karoo.
scabra Haw. - leaves dark brownish, scabrid and tubercled, thick and short; quartzite patches, Ladismith to Uniondale.
serrata M. Bayer - leaves narrowly lanceolate, many, spreading, white-toothed; Heidelberg.
starkiana Poelln. - leaves pale to deep green, short and spreading to suberect, smooth; steep north-facing slopes, Schoemans Poort, Oudtshoorn.
translucens Haw. - leaves green, many, translucent, dentate; Humansdorp to Port Elizabeth (E Cape).
truncata Schonl. - (perdetande); leaves distichous, grey-green, truncate, spineless, occ. pubescent; Little Karoo, Calitzdorp to Oudtshoorn.
turgida Haw. - leaves turgid, pale green, translucent, spreading and flat above, smooth, rosettes at ground level; rock crevices in sandstone or shale, Caledon to Mossel Bay.
unicolor Poelln. - leaves many, pale green to purplish, smooth or setate; Little Karoo, Barrydale to Oudtshoorn.
variegata Bolus - leaves dark green and variegated, fairly slender and dentate; limestone hills, Riversdale.
venosa (Lam.) Haw. - (kleinkanniedood); leaves green, short and spreading, tubercled, rosettes occ. caulescent; Swellendam (Namibia, Karoo).
viscosa (L.) Haw. - (koedoekos); leaves brownish, trifarious, recurved and pungent, rosettes clustered, often caulescent; Little Karoo, Baviaanskloof (S Karoo).
wittebergensis W. Barker - leaves erect, subulate, dark green to purple with small white tubercles; rock crevices in light shade, Witteberg Mts.

KNIPHOFIA 65 sp - sub-Saharan Africa, south Arabia

citrina Baker - 400-650 mm, flowers yellow; 3-5; grassland, Humansdorp to Port Elizabeth (E Cape).
linearifolia Baker - (red hot poker, vuurpyl); to 1,5 m, flowers red, becoming yellow; 1-3; local at Worcester and George (widespread in eastern southern Africa to Zimbabwe).
praecox Baker - (red hot poker, vuurpyl); 1,2-2 m, flowers red, becoming yellow; 12-1; southern Cape, Wilderness to Plettenberg Bay (E Cape).
sarmentosa (Andrews) Kunth - 400-900 mm, flowers reddish, becoming buff; 6-10; marshes in dry areas, Worcester, Ceres (W Karoo).
tabularis Marloth - 0,6-1,2 m, flowers red to orange; 12-1; mountain slopes, Peninsula, Worcester, Stellenbosch.
uvaria (L.) Hook. - (vuurpyl, soldaat, stinkaalwyn); to 1,1 m, flowers red, becoming yellow; mainly 10-1; widespread in wet sites, Cedarberg to Peninsula, Port Elizabeth (Namaqualand, E Cape).

POELLNITZIA 1 sp - S W Cape, Robertson and Bonnievale

rubriflora (L. Bolus) Uitew. - 350-450 mm, leaves succulent, flowers red; 12-4; karroid areas, Robertson to Bonnievale.

TRACHYANDRA 65 sp - southern and east tropical Africa to Ethiopia, mainly S W Cape

adamsonii (Compton) Oberm. - to 1,8 m, subwoody shrub with fleshy leaves, flowers white to pink; 8; Olifants River Valley north of Clanwilliam, rare.

affinis Kunth - to 1 m, leaves subterete, pubescent and fleshy, flowers white; 9-6; grassy coastal and inland slopes, George to Humansdorp (to S Natal).

brachypoda (Baker) Oberm. - to 700 mm, leaves linear, persistent and sclerotic, flowers white, in racemes; 10-4; sandy soils, Peninsula to Swellendam.

chlamydophylla (Baker) Oberm. - to 700 mm, leaves several, usually terete, flowers white, racemes simple; 8-11; mainly wet flats, Malmesbury, Peninsula to Worcester.

ciliata (L.f.) Kunth - (wildeblomkool); to 500 mm, leaves broad, grey, flowers white, on thick sparsely branched racemes; 9-10; sandy flats and slopes, throughout S W Cape (Namaqualand, S Namibia, E Cape).

divaricata (Jacq.) Kunth - (waaibossie); to 800 mm, leaves usually prostrate, fleshy, flowers white with green keels, on divaricate inflorescences; mainly 8-9; coastal sandy flats, Clanwilliam to Peninsula, Knysna (E Cape).

esterhuyseniae Oberm. - to 500 mm, leaves grass-like, linear, flowers white; 2; Porterville Mts. to Stellenbosch, Caledon (Namaqualand).

falcata (L.f.) Kunth - to 600 mm, leaves 4, flat and falcate, flowers pale mauve, maculate, on erect racemes; 7-10; sandy flats, Klawer to Saldanha (Namaqualand, W Karoo, S Namibia).

filiformis (Aiton) Oberm. - (= **T. longepedunculata** (Steudel ex Roemer & Schultes) Kunth); to 600 mm, leaves linear, flowers white to pink with dark keels, racemes short; 8-10; damp flats, Hopefield to Peninsula, Stellenbosch.

flexifolia (L.f.) Kunth - to 250 mm, leaves several, often wavy, filiform, flowers white with dark keels, in branched racemes; 7-10; Gifberg to Peninsula, Ceres (Namaqualand).

gerrardii (Baker) Oberm. - to 600 mm, leaves variable, flowers white, with dark keels, in divaricate racemes; 10-12; Port Elizabeth (E Cape to E Transvaal).

gracilenta Oberm. - to 400 mm, leaves grass-like, pubescent, flowers white, in simple racemes; 9; dry fynbos, Lokenburg.

hirsuta (Thunb.) Kunth - to 600 mm, leaves several, linear, pubescent, flowers white, racemes often branched; 9-10; flats and slopes, Piketberg to Peninsula, Stellenbosch, Caledon.

hirsutiflora (Adamson) Oberm. - to 600 mm, leaves 2-4, subterete, scabrid, flowers white, pink on reverse, on tomentose unbranched racemes; 6-10; sandy, rocky flats, Clanwilliam, Peninsula, Paarl, Caledon.

hispida (L.) Kunth - (blomkool); to 300 mm, leaves 2-5, linear, flowers pinkish, in simple congested racemes; 6-9; damp flats and lower slopes, Clanwilliam to Peninsula, Worcester, Caledon.

jacquiniana (Roemer & Schultes) Oberm. - (anysblom); to 500 mm, leaves several, filiform, blue-green, flowers white, maculate, in divaricate panicles; 6-9; Lokenburg, Clanwilliam (Karoo, Namaqualand).

muricata (L.f.) Kunth - to 500 mm, leaves 2-several, linear, flowers white, maculate, in divaricate panicles; 7-10; flats and slopes, Nieuwoudtville to Peninsula (Namaqualand, S Namibia).

oligotricha (Baker) Oberm. - to 300 mm, leaves several, filiform, flowers white to pink, with brown keels, in sparsely branched racemes; 7-10; Ceres, Piketberg, Malmesbury, Stellenbosch.

paniculata Oberm. - to 300 mm, leaves few, linear-lanceolate, flowers white, maculate, in divaricate panicles; 9-10; rocky sandstone slopes, Clanwilliam.

patens Oberm. - to 400 mm, leaves 3, filiform, flowers white with brown keels, in divaricate racemes; 9-11; Nieuwoudtville to Piketberg (Namaqualand).

revoluta (L.) Kunth - (watergras, hottentotskool); to 500 mm, leaves linear, flowers white with brown keels, in divaricate racemes; 8-11; damp sand, mainly coastal, Clanwilliam to Port Elizabeth (E Cape, Namaqualand).
sabulosa (Adamson) Oberm. - to 400 mm, leaves many, linear, flowers white with dark keels, in simple lax racemes; 9-10; coastal sand dunes, Hopefield to Bredasdorp.
scabra (L.f.) Kunth - to 400 mm, leaves many, linear, flowers white, in lax often simple racemes; 9-12; sand flats and coastal dunes, Clanwilliam to Cape Flats.
tabularis (Baker) Oberm. - to 800 mm, leaves several, linear to terete, flowers white to pink; 8-9; wet flats, cliffs and rocks, Peninsula to Caledon.
tortilis (Baker) Oberm. - to 150 mm, leaves linear, plicately folded, flowers pale pink, maculate, in divaricate panicles; 6-8; Olifants River to Hopefield, Tulbagh (Namaqualand).

COLCHICACEAE

ANDROCYMBIUM ca 30 sp - mainly southern Africa, also tropical Africa and Mediterranean

capense (L.) Krause - (patrysblom, patrysie); prostrate, green bracts; 5-8; Peninsula, Worcester, Montagu to Humansdorp (Namaqualand).
ciliolatum Schltr. & Krause - prostrate, white bracts; 6-8; Piketberg, Clanwilliam, Gifberg (Namaqualand).
cuspidatum Baker - (patrysblom); prostrate, green bracts; 7-8; Hex River Mts. to Cedarberg (W Karoo).
dregei Presl - prostrate, leaves nearly linear, bracts green; 6-8; Clanwilliam (Namaqualand).
eucomoides (Jacq.) Willd. - prostrate, green bracts; 6-8; Peninsula to Port Elizabeth (Karoo).
fenestratum Schltr. & Krause - prostrate, bracts green; 8; mountains around Clanwilliam.
irroratum Schltr. & Krause - prostrate, bracts green; 7; Clanwilliam.
melanthioides Willd. - (bobbejaanskoen, patrysblom); prostrate, bracts white, striped green; 6-8; Uitenhage (Karoo, Namibia, Transvaal).
pulchrum Schltr. & Krause - prostrate, red bracts; 7-8; Nieuwoudtville plateau to Botterkloof (W Karoo).

BAEOMETRA 1 sp - S W Cape

uniflora (Jacq.) Lewis - 100-250 mm, flowers orange; 8-10; Peninsula to Swellendam.

DIPIDAX (see **Onixotis**)

NEODREGEA 1 sp - S to E Cape

glassii C.H. Wright - 20-40 mm, flowers yellow, tiny; 6-7; S Cape, Caledon to Port Elizabeth (E Cape).

ONIXOTIS 2 sp - S W Cape and Namaqualand
(= **Dipidax**)

punctata (L.) Mabberley - (hanekammetjie); 100-200 mm, flowers white to maroon; 7-9; Peninsula, Cold Bokkeveld, Worcester, Caledon to Swellendam.

triquetra (L.f.) Mabberley - (vleiblommetjie); 200-500 mm, flowers pink; 8-10; marshes and pools, Nieuwoudtville to Peninsula, Worcester (Namaqualand).

ORNITHOGLOSSUM 8 sp - S W Cape to S tropical Africa

gracile B. Nordenstam - 20-100 mm, leaves lanceolate, crisped and undulate, flowers greenish; 4-5; Clanwilliam to Klawer, Botterkloof.
parviflorum B. Nordenstam - (slangkop); 40-200 mm, leaves lanceolate, flowers brownish-purple or green and maroon; 6-10; Gifberg, Clanwilliam to Worcester (Namaqualand, W Karoo).
undulatum Sweet - 50-200 mm, leaves lanceolate with margins flat or crisped, flowers white to pink with purple or maroon tips; 4-7; Botterkloof, Clanwilliam to Ceres, Little Karoo, Riversdale (Karoo, Namaqualand, S Namibia).
viride (L.f.) Aiton - (eendjies, slangkop); 50-300 mm, leaves linear-lanceolate, flowers green with maroon margins or red to brown; 6-10; Clanwilliam to Peninsula, Riversdale.

WURMBEA 37 sp - Africa, Australia

capensis Thunb. - 20-100 mm, flowers campanulate, cream and brown, tube slightly longer than tepals; 8-9; Clanwilliam to Stellenbosch.
compacta B. Nordenstam - 40-180 mm, flowers pink, filaments as long as tepals; 6-7; Montagu.
dolichantha B. Nordenstam - 100-300 mm, flowers white or cream with purple marks, tube exceeding tepals; 9-10; sandy slopes and plateaus, Nieuwoudtville to Piketberg.
elongata B. Nordenstam - 70-200 mm, flowers greenish-white to cream, tube shorter than tepals; 9-10; Clanwilliam to Piketberg.
hiemalis B. Nordenstam - 40-150 mm, flowers white with dark margins; 5-8; Cape Peninsula.
inusta (Baker) B. Nordenstam - 50-200 mm, flowers greenish or cream with purple margins and median spot, tube and tepals equal; 9-11; Tulbagh to Peninsula, Bredasdorp.
marginata (Desr.) B. Nordenstam - (swartkoppie); 60-220 mm, flowers stellate, red or purple; 9-10; Hopefield, Malmesbury, Worcester, Peninsula to Riversdale.
minima B. Nordenstam - 20-50 mm, flowers white, stellate, lacking a distinct tube; 10; Cedarberg to Porterville Mts.
monopetala (L.f.) B. Nordenstam - 50-250 mm, flowers greenish or creamy, tube broadly cylindric, shorter than tepals; 8-11; Tulbagh to Peninsula, Caledon.
recurva B. Nordenstam - 50-200 mm, flowers red to purplish-brown with recurved tepals; 9-10; Tulbagh to Stellenbosch, Somerset West.
robusta B. Nordenstam - 150-250 mm, flowers cream with dark margins, stamens long-exserted; 7-9; Piketberg to Malmesbury.
spicata (Burm. f.) Durand & Schinz - (incl. **W. ustulata** B. Nordenstam) (swartkoppie); 50-200 mm, flowers white to cream, occ. with dark margins; 8-11; Gifberg, Nieuwoudtville to Peninsula, Swellendam.
variabilis B. Nordenstam - 30-200 mm, flowers white to cream, tepals with median spot; 8-11; Clanwilliam to Port Elizabeth.

COMMELINACEAE

COMMELINA ca 230 sp - cosmopolitan

africana L. - (wandering Jew); scrambling perennial, stems to 500 mm, flowers yellow to orange; 11-6; near streams or lower slopes, Peninsula, Caledon, Knysna to Port Elizabeth (E Cape to Natal, Old World subtropics).

benghalensis L. - (blouselblommetjie); scrambling perennial, stems to 300 mm, flowers blue; 11-4; shade, Knysna to Port Elizabeth (E Cape, palaeotropics).

CYANOTIS ca 50 sp - palaeotropical

speciosa (L.f.) Hassk. - (dolls' powder puff, bloupoeierkwassie); tufted spreading perennial, 150-500 mm, flowers blue, occ. magenta; 11-5; Peninsula, Riversdale, Knysna, Uitenhage (E Cape to tropical Africa, Madagascar).

CYPERACEAE

BULBOSTYLIS ca 100 sp - cosmopolitan

contexta (Nees) Bodard - tufted perennial, 100-250 mm, spikelets brown; 9-10; flats and lower slopes, Humansdorp, Uitenhage (E Cape to tropical Africa).
humilis (Kunth) C.B. Clarke - densely tufted, 50-100 mm, spikelets pale brown; 7-9; rock ledges, Ceres, Peninsula, Knysna, Uitenhage (E Cape to Natal).

CAREX ca 1 700 sp - cosmopolitan

aethiopica Schk. - tufted perennial, to 1 m, spikelets greenish-brown; 9-12; shady areas near water, Peninsula to Port Elizabeth (E Cape).
clavata Thunb. - tufted perennial, 0,8-1 m, spikelets shiny brown; 9-11; flats and lower slopes, Malmesbury to Peninsula, Paarl, Knysna to Port Elizabeth (E Cape, OFS).
cognata Kunth - tufted perennial to 1 m, spikelets green and white; 11-12; flats and slopes, Peninsula, Swellendam to Humansdorp (E Cape to Natal).
ecklonii Nees - tufted perennial to 450 mm, spikelets greenish-brown; 10-12; coastal slopes, Peninsula, Swellendam, Knysna, Port Elizabeth (worldwide).
vulpina L. - (incl. **C. glomerata** Thunb.); to 400 mm, spikelets brown; 8-10; flats, Peninsula?, Riversdale, Knysna, Uitenhage (E Cape, OFS).

CARPHA 13 sp - nearly cosmopolitan

capitellata (Nees) Boeckeler - (= **Asterochaete capitellata** Nees & **A. bracteosa** C.B. Clarke); to 500 mm, spikelets straw-coloured; 10-12; marshy flats or lower slopes, Ceres, Paarl, Peninsula, Riversdale to Port Elizabeth (E Cape).
glomerata (Thunb.) Nees - (sedge, vleibiesie, vleiriet); robust perennial, to nearly 2 m, spikelets golden-brown; 8-1; flats and lower slopes, Clanwilliam to Port Elizabeth (E Cape to Natal).

CHRYSITHRIX 3 sp - S W and S Cape

capensis L. - (kwasbiesie); sparse tufted perennial, 160-400 mm, spikelets rusty-brown; 4-11; Ceres, Paarl, Peninsula to Riversdale to Humansdorp.
dodii C.B. Clarke - dense tufted perennial, 300-400 mm, spikelets brownish; 10-2; mid to upper slopes, Peninsula, George, Humansdorp.
junciformis Nees - 300 mm, spikelets brownish; 4-12; upper slopes, Cedarberg, Paarl, Caledon, Riversdale.

CLADIUM ca 60 sp - fairly cosmopolitan, especially Australia

mariscus (L.) Pohl - stout perennial, to nearly 3 m, spikelets brown; 1; marshy flats, Knysna to Port Elizabeth (more or less cosmopolitan).

COSTULARIA 11 sp - S Africa, Mascarene Is., Australia

brevicaulis C.B. Clarke - (= **Tetraria brevicaulis** C.B. Clarke); densely tufted perennial, 150-250 mm, spikelets greenish; 10-12; rocky slopes, Peninsula, George to Humansdorp.

CYPERUS ca 550 sp - cosmopolitan

albostriatus Schrader - tufted perennial, 200-500 mm, spikelets pale brown; 4; lower slopes, Humansdorp, Port Elizabeth (E Cape to Transvaal).
denudatus L.f. - robust perennial with woody rhizome, stems to 600 mm, spikelets greenish-brown; 6-1; streambanks, Clanwilliam to Port Elizabeth (E Cape to tropical Africa).
fastigiatus Rottb. - stout stems to 1 m, spikelets reddish-brown; 10-1; marshy flats or lower slopes, Clanwilliam to Riversdale, Uitenhage (E Cape to Transvaal).
leucoloma Nees - tufted annual, 20-50 mm, spikelets dark reddish-brown and white; 10-11; Paarl?, Peninsula.
longus L. - (waterbiesie); stout perennial to 1 m, spikelets dark reddish-brown; 10-2; damp flats, Clanwilliam to Peninsula, Worcester, Swellendam (Karoo, Namaqualand, Namibia).
marginatus Thunb. - (matjiesgoed); perennial, to 600 mm, spikelets chestnut-brown; 10-2; Clanwilliam, Worcester, Port Elizabeth (widespread in southern and tropical Africa).
rupestris Kunth - tufted perennial, to 150 mm, spikelets dark reddish-brown; 2; Peninsula (possibly extinct), (E Cape to Natal).
semitrifidus Schrader - low perennial, 80-250 mm, spikelets reddish-brown; 12-4; damp flats or lower slopes, Uitenhage (E Cape to Transvaal).
tenellus L.f. - small annual, to 150 mm, spikelets green or reddish; 9-1; lower slopes, Worcester, Paarl, Peninsula to Uitenhage (E Cape).
textilis Thunb. - (mat sedge, matjiesgoed, kooigoed); stout perennial, to 1 m, spikelets pale rust-red; 10-3; vleis and streams, Clanwilliam, Piketberg, Paarl, Peninsula, Uitenhage (E Cape to Natal, introduced in Europe).
usitatus Burchell - (Indian grass, boesmanuintjie, hoendergras); tufted perennial, to 250 mm, spikelets dark red; 12-4; mid to upper slopes, Paarl, Knysna, Humansdorp (widespread in southern Africa).

ELEOCHARIS ca 200 sp - fairly cosmopolitan

limosa (Schrader) Schultes - stems 200-600 mm, spikelets brown; 8-12; pools or marshes, Ceres, Malmesbury, Peninsula to Riversdale, Humansdorp, Uitenhage (E Cape to Natal, Namibia, Madagascar).
schlechteri C.B. Clarke - stems to only 60 mm, spikelets pale brown; 11-12; marshes, Peninsula, Caledon.

EPISCHOENUS 8 sp - S W and S Cape

adnatus Levyns - densely tufted perennial, to over 1 m, spikelets brown; 2-8; damp mountain slopes, Worcester, Paarl to Peninsula, Mossel Bay to Humansdorp.
cernuus Levyns - slender tufted perennial, to 500 mm, spikelets brown; 10-11; mountain slopes, Clanwilliam to Worcester, Tulbagh to Caledon.
complanatus Levyns - tufted perennial, 200-650 mm, spikelets pale brown; 12-3; upper alt., Worcester, Tulbagh, Paarl, Caledon.
dregeanus (Boeckeler) Levyns - tufted perennial, 200-700 mm, spikelets pale brown; 12-4; mid to high alt., Cedarberg, Ceres, Worcester, Paarl.

gracilis Levyns - tufted perennial, 200-900 mm, spikelets pale brown; 12-3; mountain slopes, Cedarberg to Worcester, Tulbagh, Peninsula to George.
lucidus (C.B. Clarke) Levyns - tufted perennial, to 600 mm, spikelets brown and white; 12; upper alt., Ceres, Worcester.
quadrangularis (Boeckeler) C.B. Clarke - tufted perennial, 300-750 mm, spikelets dark brown; 11-5; mountain slopes, Worcester, Ceres, Peninsula to Riversdale, Ladismith, George to Port Elizabeth.
villosus Levyns - tufted perennial, to 1 m, spikelets brown; 1-2; coastal flats to upper slopes, Worcester, Paarl, Peninsula, Caledon.

FICINIA ca 60 sp - tropical and S Africa, mainly S W Cape

acuminata (Steudel) Nees - (incl. **F. elongata** Boeckeler); 300-700 mm, spikelets reddish; 8-12; mountain slopes, Cedarberg, Worcester, Paarl to Peninsula.
anceps Nees - relatively robust, 100-250 mm, spikelets dull red; 4-11; rock crevices, Cape Peninsula.
angustifolia (Schrader) Levyns - to 450 mm, spikelets chestnut-brown or grey; 10-2; rock ledges, Paarl to Peninsula.
arenicola Arnold & Gordon-Gray - loosely tufted erect perennial, to 300 mm, spikelets green, tinged red; 8-11; coastal sand or clay flats, Mossel Bay to Port Elizabeth (E Cape).
argyropa Nees - compactly tufted perennial, to 250 mm, spikelets reddish; 7-10; sandy flats, Malmesbury, Peninsula.
bergiana Kunth - stiff-leafed perennial, to 250 mm, spikelets brown; 6-7; lower to middle slopes, Worcester, Paarl, Peninsula, Riversdale (E Cape).
bulbosa (L.) Nees - to 250 mm, spikelets chestnut-brown; 2-9; flats and slopes, Worcester, Paarl, Peninsula to Port Elizabeth.
capillaris (Nees) Levyns - slender tufted perennial, to 250 mm, spikelets brown; 9-1; lower slopes, Paarl to Peninsula.
capillifolia (Schrader) C.B. Clarke - loosely tufted sprawling perennial, 200-300 mm, spikelets chestnut-brown; 9-11; upper slopes, Cedarberg, Peninsula, George to Humansdorp.
capitella (Thunb.) Nees - compact tufted perennial, 50-250 mm, spikelets reddish; 7-11; flats and slopes, Ceres, Worcester, Piketberg, Peninsula to Caledon (Karoo).
cedarbergensis Arnold & Gordon-Gray - relatively robust perennial, to 600 mm, spikelets brown; 9-4; upper slopes, Cedarberg.
compacta (C.B. Clarke) Arnold - stiff tufts, to 300 mm, spikelets dark brown; 10-12; upper slopes, Worcester.
composita (Nees) Nees - (incl. **F. brevifolia** Kunth); densely tufted perennial, 300-600 mm, spikelets dark brown; 8-12; mountain slopes, Clanwilliam, Worcester, Paarl to Peninsula, Uniondale.
deusta (Bergius) Levyns - relatively robust perennial to 400 mm, spikelets large, pale; 3-8; mountain slopes, Clanwilliam, Ceres, Piketberg to Peninsula, Caledon, George, Port Elizabeth (Namaqualand).
dunensis Levyns - scarcely tufted perennial, to 200 mm, spikelets reddish; 8-10; coastal dunes or mountain slopes, Cedarberg to Peninsula, Caledon to Bredasdorp, Port Elizabeth.
dura Turrill - to 270 mm, spikelets brown?; 4; lower slopes, Caledon.
elatior Levyns - to 400 mm, spikelets reddish; 8-12; flats near streams and pools, Peninsula.
fascicularis Nees - slender stems, 300-600 mm, spikelets dull brown; 10-11; mid to upper slopes, Knysna to Uniondale (E Cape).

fastigiata (Thunb.) Nees - slender tufts, 250-400 mm, spikelets grey-green; 4-10; flats and lower slopes, Cape Peninsula.

filiformis (Lam.) Schrader - (incl. **F. pusilla** C.B. Clarke); densely tufted slender perennial, 80-200 mm, spikelets brown; 8-11; flats and slopes, Clanwilliam to Tulbagh, Witteberg, Peninsula to Uniondale (tropical Africa).

gracilis (Poiret) Schrader - 150-450 mm, slender stems, spikelets greenish; 2-5; Peninsula?, George to Humansdorp (E Cape to tropical Africa).

grandiflora Arnold & Gordon-Gray - 350-700 mm, spikelets maroon and white; 7-10; middle slopes, Paarl, Caledon.

gydomontana Arnold - to 400 mm, spikelets light to dark reddish; ?; high alt., Ceres.

indica (Lam.) Pfeiffer - (= **F. striata** Kunth); 100-400 mm, spikelets chestnut-brown; 7-11; flats and lower slopes, Worcester, Ceres to Peninsula, Caledon to Humansdorp (E Cape).

involuta Nees - 200-300 mm, spikelets light brown; 10-11; rock crevices at high alt., Worcester, Uniondale.

ixioides Nees - variable robust tufted perennial, 50-250 mm, spikelets chestnut-brown; 8-1; upper alt., Clanwilliam to Peninsula, Worcester, Caledon, Uniondale, Uitenhage.

laciniata (Thunb.) Nees - to 200 mm, spikelets pale brown; 7-10; coastal flats, George?, Uitenhage, Port Elizabeth (Natal).

laevis Nees - relatively robust, to 250 mm, spikelets brown; 10; Peninsula (Karoo, (E Cape).

lateralis (Vahl) Kunth - relatively robust tufts, 120-250 mm, spikelets brown; 3-8; coastal sand, Malmesbury, Peninsula to Port Elizabeth (E Cape).

latifolia Arnold & Gordon-Gray - relatively robust, to 150 mm, spikelets greenish; ?; sand over coastal limestone, Bredasdorp.

levynsiae Arnold & Gordon-Gray - relatively robust, to 150 mm, spikelets dark brown; 10-1; mid to upper slopes, Worcester, Ceres, Paarl, Caledon.

lucida C.B. Clarke - robust; upper slopes, Cedarberg, (putative interspecific hybrid between **F. cedarbergensis** and **F. ixioides** subsp. **glabra**).

macowanii C.B. Clarke - slender, 300-600 mm, spikelets white-edged; 10-5; lower slopes, Caledon, Swellendam.

micrantha C.B. Clarke - slender tufts, to 120 mm, spikelets white; 10-1; middle slopes, Peninsula, Caledon.

minutiflora C.B. Clarke - very slender, 50-150 mm, spikelets pale?; ?; middle slopes, Caledon.

monticola Kunth - relatively robust, 150-400 mm, spikelets dark maroon and white; 6-11; mid to upper slopes, Caledon, Swellendam, Witteberg.

mucronata C.B. Clarke - slender tufts, to 150 mm, spikelets light brown; 9-11; rocky upper slopes, Cedarberg.

nigrescens (Schrader) Raynal - tufted perennial, 70-400 mm, spikelets brown; 5-10; flats to upper slopes, Clanwilliam to Uitenhage (E Cape, Namaqualand, Namibia).

pallens (Schrader) Nees - relatively robust tufts, 150-300 mm, spikelets yellow-green tinged with red; 3-7; flats and lower slopes, Peninsula to Caledon.

paradoxa (Schrader) Nees - densely tufted, 100-350 mm, spikelets light brown; 5-11; flats to upper slopes, Peninsula to Mossel Bay.

petrophylla Arnold & Gordon-Gray - stiff-leafed tufted perennial, to 300 mm, spikelets yellow and reddish; 10-1; rock crevices at high alt., Witteberg and Swartberg Mts.

pinguior C.B. Clarke - relatively robust, to 600 mm, spikelets brown; 3-6; flats and lower slopes, Peninsula, Caledon.

polystachya Levyns - to 300 mm, spikelets dark brown; 10-1; rock ledges at high alt., Cape Peninsula.

pygmaea Boeckeler - (= **F. limosa** Levyns); tufted perennial, 30-400 mm, spikelets light brown; 8-11; coastal dunes, Darling, Peninsula to Bredasdorp.
quinquangularis Boeckeler - to 250 mm, spikelets chestnut-red; 3-5; high plateaus, Swellendam to George.
radiata (L.f.) Kunth - (= **Sickmannia radiata** (L.f.) Nees) (stergras); robust tufted perennial, 50-250 mm, spikelets yellow, in heads with yellow radiate bracts; 9-11; flats and slopes, Ceres, Worcester, Piketberg to Peninsula, Caledon.
ramosissima Kunth - erect branched perennial, to 200 mm, spikelets light brown; 7-9; lower slopes, Worcester, Stellenbosch, Peninsula to Uniondale (E Cape).
repens (Nees) Kunth - conspicuously creeping perennial with erect stems, to 150 mm, spikelets brown; 1-2; salt flats, Bredasdorp, Knysna, Uitenhage.
rigida Levyns - stiff perennial, to 350 mm, spikelets brown; 1-3; sandy lower slopes, Peninsula, Caledon.
secunda (Vahl) Kunth - to 600 mm, spikelets chestnut-red; 3-10; sand dunes, Clanwilliam to Peninsula, Mossel Bay, Knysna, Uitenhage.
stolonifera Boeckeler - 70-150 mm, spikelets brown; 9-12; flats to upper slopes, Worcester, Peninsula, Riversdale (E Cape, Natal, Lesotho).
sylvatica Kunth - 200-600 mm, spikelets light brown; 9-11; lower slopes, Swellendam to Port Elizabeth.
tenuifolia Kunth - 250-450 mm, spikelets light brown; 4-11; lower slopes, Paarl, Peninsula to Bredasdorp, Witteberg, Ladismith.
trichodes (Schrader) Benth. & Hook. f. - much-branched sprawling perennial, to 450 mm long, spikelets light brown; 6-9; rocky lower to middle slopes, Peninsula, Caledon, Knysna (E Cape).
tristachya (Rottb.) Nees - tufted perennial, to 200 mm, spikelets brown; 3-5; flats and lower slopes, Paarl to Peninsula, Riversdale to Uniondale (E Cape?).
truncata (Thunb.) Schrader - robust grey-green tufted perennial, spikelets chestnut-brown; 6-10; limestone hills, Bredasdorp to Mossel Bay, Humansdorp to Port Elizabeth (E Cape).
zeyheri Boeckeler - slender tufted perennial, 150-300 mm, spikelets brown; 8-10; lower to middle slopes, Ceres, Peninsula, Caledon, Swellendam.

FIMBRISTYLIS ca 250 sp - cosmopolitan

complanata (Retz.) Link - perennial, 150-600 mm, spikelets reddish; 10-11; lower slopes, George, Uitenhage (E Cape to Natal, nearly worldwide).
dichotoma (L.) Vahl - annual, 50-400 mm, spikelets brown; 12-3; lower slopes, Clanwilliam (E Cape to Natal, Namibia, Old World weed).
squarrosa Vahl - annual, 50-200 mm, spikelets greyish; 1-6; lower slopes, Clanwilliam (Namibia, worldwide tropics and subtropics).

FUIRENA ca 40 sp - nearly cosmopolitan

caerulescens Steudel - perennial, 200-400 mm, spikelets pubescent, blue-green; 10-2; flats and lower slopes, Peninsula (E Cape to Natal).
ecklonii Nees - Knynsa, Uitenhage (E Cape to Natal).
hirsuta (Bergius) P.L. Forbes - (= **F. hottentota** (L.) Druce); perennial with pubescent stems, 300-500 mm, spikelets pubescent, blue-green; 10-2; flats and lower slopes, Clanwilliam, Peninsula to Port Elizabeth (E Cape to Natal).

HELLMUTHIA 1 sp - S W to S Cape

membranacea (Thunb.) R. Haines & K. Lye - (= **Scirpus membranacea** Thunb.) (biesie); reed-like tufted perennial, to 600 mm, spikelets dark brown, clustered; 7-9; coastal sands, Peninsula to Knysna.

ISOLEPIS cc 100 sp - cosmopolitan
(often included in Scirpus)

antarctica Nees - annual, 40-200 mm, spikelets green and red; 8-12; damp flats, occ. high alt., Clanwilliam to Port Elizabeth (E Cape, Namaqualand, Australasia).

brevicaulis (Levyns) Raynal - minute annual to 20 mm, spikelets green; 9-10; gravel flats, Peninsula.

cartilaginea R. Br. - (resembles **I. antarctica**); spikelets green and red; 9-12; flats and lower slopes, especially disturbed soil, Cape Peninsula.

cernua (Vahl) Roemer & Schultes - densely tufted annual, to 140 mm, spikelets reddish; 11-3; flats near water, Malmesbury, Peninsula, Mossel Bay to Uitenhage (cosmopolitan).

digitata Schrader - flaccid perennial, 150-350 mm, spikelets green; 10-1; attached to rocks in streams, lower to middle alt., Paarl, Peninsula to Riversdale.

fluitans (L.) R. Br. - (waterbiesie, watergras); aquatic branching perennial, 150-300 mm, spikelets green; 1-6; pools on flats or slopes, Ceres, Paarl to Riversdale, Uniondale (E Cape, widespread in Old World).

hystrix Schrader - (biesie); small densely tufted annual, 20-100 mm, spikelets green, occ. reddish; 8-11; damp flats, occ. high alt., Cedarberg to Peninsula, Uniondale (southern and tropical Africa).

incomptula Nees - tufted annual, 25-80 mm, spikelets green with white or red edges; 8-10; muddy flats, Clanwilliam to Peninsula.

inconspicua (Levyns) Raynal - minute tufted turf-forming annual, 20-30 mm, spikelets reddish; 8-9; low wet sites, Cape Peninsula.

karroica (C.B. Clarke) Raynal - small tufted annual, to 30 mm, spikelets straw; 10; arid slopes, Worcester, Witteberg.

ludwigii Kunth - turf-forming perennial, to 100 mm, spikelets straw to brown-red; 9-12; damp, often disturbed flats near water, Paarl, Peninsula to Port Elizabeth (E Cape to Transvaal, Namibia).

prolifer R. Br. - moderately robust perennial, stems to 500 mm, spikelets brown; 10-3; streamsides at lower alt., Malmesbury, Paarl, Peninsula to Port Elizabeth (southern Africa, Australasia, St. Helena).

rubicunda Kunth - often submerged, stems branching, to 300 mm, spikelets deep red; 5-10; pools on flats or lower slopes, Peninsula to Swellendam.

setacea (L.) R. Br. - annual to 150 mm, spikelets pale often with red markings; 1?; Uitenhage (nearly cosmopolitan).

sororia Kunth - small tufted annual, to 100 mm, spikelets pale or brown-purple; flats, Riversdale.

striata Kunth - branching aquatic with green or reddish spikelets; 8-12; pools at lower alt., Stellenbosch, Peninsula, Caledon.

tenuissima Nees - very slender branching aquatic, stems to 600 mm, spikelets green?; 11-12; rivers or pools, Clanwilliam, Ceres, Swellendam to Uitenhage (E Cape, Natal, Madagascar).

verrucosula Nees - densely tufted low annual, to 50 mm, spikelets straw or reddish, with green keels; 9-12; muddy flats, Paarl to Peninsula, Port Elizabeth.

JUNCELLUS 18 sp - nearly cosmopolitan

laevigatus (L.) C.B. Clarke - tufted perennial, 150-600 mm, spikelets straw or purplish; 10-4; damp areas, Malmesbury, Peninsula to Bredasdorp, Humansdorp to Port Elizabeth (worldwide).

KYLLINGA ca 60 sp - fairly cosmopolitan in warm, moist regions

alata Nees - 90-250 mm, spikelets golden; 10-1; Knysna to Uitenhage.
erecta Schum. - 100-450 mm, spikelets golden-brown; 1-3; lower slopes, Swellendam to Uitenhage (E Cape to tropical Africa, Mascarene Is.).
melanosperma Nees - slender stems to 450 mm, spikelets olive-green; 11-1; lower slopes, Humansdorp (palaeotropics).

MACROCHAETUM 2 sp - S Cape to Natal

ecklonii (Nees) Levyns - robust perennial, to 1 m, spikelets pale yellow-brown; 11-1; mountain slopes, Cedarberg, Worcester, Tulbagh.
hexandrum (Nees) Pfeiffer - robust perennial, 500-900 mm, spikelets dark red; 8-3; mountain slopes, Worcester, Peninsula to Uitenhage (Natal).

MARISCUS ca 200 sp - nearly cosmopolitan

congestus (Vahl) C.B. Clarke - tufted perennial, 200-900 mm, spikelets reddish; 12-4; damp flats, Worcester, Paarl to Peninsula, Knysna to Uitenhage (southern Africa, St. Helena, Mediterranean, Australia).
durus (Kunth) C.B. Clarke - tufted perennial, to 950 mm, spikelets dark red; 10; coastal flats, Swellendam, Knysna to Port Elizabeth (E Cape, Angola).
tabularis (Schrader) C.B. Clarke - variable robust perennial, to 600 mm, spikelets dark red; 12?; Uitenhage (E Cape).
thunbergii (Vahl) Schrader - (= **M. riparius** Schrader); robust perennial, to 1 m, spikelets dull red-brown; 6-12; near water, Clanwilliam to Mossel Bay, Humansdorp, Uitenhage (E Cape to Natal).

NEESENBECKIA 1 sp - S W Cape

punctoria (Vahl) Levyns - rigid robust tufted perennial, to 2 m, spikelets light brown; 3-4; streamsides on lower slopes, Tulbagh to Peninsula, Caledon.

PYCREUS ca 70 sp - nearly cosmopolitan

lanceus Thunb. - (waterbiesie); grass-like perennial, 200-500 mm, spikelets dark red; 10-4; damp flats and lower slopes, Clanwilliam, Worcester, Peninsula to Uitenhage (E Cape to Transvaal, widespread).
mundii Nees - grass-like perennial, 200-600 mm, spikelets brown; 11-4; damp flats and lower slopes, Peninsula, Port Elizabeth (to tropical Africa, Spain, Mascarene Is.).
polystachyos (Rottb.) Beauv. - grass-like perennial, 300-600 mm, spikelets greenish; 12-4; damp lower slopes, Clanwilliam to Peninsula, Port Elizabeth (worldwide).

RHYNCHOSPORA ca 200 sp - nearly cosmopolitan

brownii Roemer & Schultes - grass-like perennial, 300-700 mm, spikelets brown; 12-1; Peninsula?, Humansdorp (nearly worldwide in warmer regions).

SCHOENOXIPHIUM ca 6 sp - tropical and southern Africa

ecklonii Nees - (= **Carex zeyheri** C.B. Clarke); tufted perennial, to 300 mm, spikelets gold; 6-10; open, bushy slopes, Peninsula, Swellendam to Uitenhage.

lanceum (Thunb.) Kuk. - (= **S. sickmannianum** Kunth and **S. capense** Nees); tufted perennial, to 600 mm, spikelets dull gold; 6-11; shady lower slopes, Peninsula, Swellendam to Humansdorp.
lehmannii (Nees) Steudel - tufted perennial, 200-400 mm, spikelets brownish; 10-1; shady forested slopes, Peninsula, Knysna, Uniondale (E Cape to Tanzania).
sparteum (Wahlenb.) C.B. Clarke - tufted perennial, to 400 mm, spikelets green; 5-11; damp shady slopes, Peninsula, Caledon, Knysna, Humansdorp (Lesotho).
thunbergii Nees - 200-400 mm, spikelets greenish; 7-10; grassy or bushy slopes, Peninsula, Stellenbosch.

SCHOENUS ca 100 sp - cosmopolitan

nigricans L. - robust reed-like perennial, 200-500 mm, spikelets brown; 5-10; flats and lower slopes, Peninsula, Mossel Bay (more or less worldwide).

SCIRPUS ca 200 sp - cosmopolitan

bulbiferus Boeckeler - minute annual, to 100 mm, spikelets green?; 11-1; sand dunes, Cape Peninsula (possibly extinct).
burchellii C.B. Clarke - small tufted annual, to 50 mm, spikelets pale; flats, Riversdale.
chlorostachyus Levyns - tufted annual, spikelets greenish; 12-4; rock crevices, Peninsula (E Cape to Natal).
delicatulus Levyns - submerged aquatic, to 200 mm, spikelets green with red markings; 12; pools, Cape Peninsula.
dioecus (Kunth) Boeckeler - (biesie); reed-like perennial with robust stems, to 50 mm, spikelets light brown in dense heads; 9-12; riverbanks, Clanwilliam, Ceres, Swartberg Mts., Bredasdorp (south and tropical Africa).
dregeanus C.B. Clarke - (resembles small specimens of **Isolepis antarctica**); 25-40 mm, spikelets brownish; 10; lower slopes, Worcester, Genadendal.
ecklonii Steudel - stiff perennial, 300-450 mm, spikelets in dense brown heads; 10-12; lower slopes, Paarl, Peninsula, Caledon, Uitenhage?.
inanis (Thunb.) Steudel - (= **S. spathaceus** Hochst.) (biesie, matjiesgoed); stout reed-like stems, to 1 m, spikelets pale brown; 11-12; streamsides at high alt., Clanwilliam (Karoo, E Cape, N Cape, Namaqualand).
lepta (C.B. Clarke) Levyns - aquatic with thread-like stems, to 450 mm, spikelets brown; 11; pools, Peninsula.
leptostachyus Boeckeler - slender stems to 200 mm; ?; lower slopes, Paarl (poorly known).
leucanthus Boeckeler - (= **S. supinus** L.); small tufted annual, 20-60 mm, spikelets straw-coloured; 11; riverbanks, Clanwilliam (Namibia).
littoralis Schrader - (sedge, papgras, steekbiesie); reed-like perennial with soft stems, to 1,5 m, spikelets brown; 11-1; riverbanks, Peninsula, Knysna, Uitenhage (palaeotropics and subtropics).
maritimus L. - (sedge, snygras, snyruigte); robust or slender perennial, to 1 m, spikelets pale; 11-2; muddy flats near water, Clanwilliam to Peninsula, Uitenhage (worldwide in warm areas).
nanodes Levyns - slender annual, to 50 mm, spikelets reddish with green keels; 10-12; damp mountain slopes, Worcester, Paarl, Peninsula, Caledon.
nodosus Rottb. - (steekbiesie, vleibiesie); rigid stems to 1 m, spikelets in dense, brown heads; 12-3; coastal areas, Malmesbury, Peninsula to Port Elizabeth (southern continents).
paludicola Kunth - (steekbiesie, steekrietjie); moderately robust perennial, 300-600 mm, spikelets chestnut-brown; 10-2; Swellendam, Uitenhage (E Cape to Natal, Madagascar).

rivularis (Schrader) Boeckeler - tufted annual with flattened stems, 50-300 mm, spikelets brown; 10-11; marshy areas, Peninsula, Stellenbosch, Riversdale, Humansdorp (E Cape to Natal, Namaqualand).
trachyspermus (Nees) C.B. Clarke - slender annual, to 50 mm, spikelets reddish; 10-11; damp flats, Cape Peninsula.
triqueter L. - perennial to 900 mm, spikelets brown; 11-1; edges of pools, Peninsula, Bredasdorp (N Cape, Eurasia).
thunbergianus (Nees) Levyns - tufted perennial with flattened stems, 150-700 mm, spikelets in dense clusters, brown with pale margins; 10-5; damp flats, Stellenbosch, Peninsula, Uitenhage, Port Elizabeth (E Cape).
venustulus (Kunth) Boeckeler - perennial with creeping rhizomes, stems 50-250 mm, spikelets dark red; 9-11; damp soil or shallow pools, Malmesbury, Peninsula, Uitenhage.

TETRARIA ca 40 sp - Africa and Australasia, mainly S Africa

aristata (Boeckeler) C.B. Clarke - to 600 mm, spikelets brown; ?; lower slopes, Caledon, Humansdorp (poorly known).
autumnalis Levyns - tufted perennial, to 400 mm, spikelets dull brown; 4-6; damp lower slopes, Cape Peninsula.
bolusii C.B. Clarke - slender stems to 300 mm, spikelets chestnut-red; 7-8; Peninsula?, Caledon.
brachyphylla Levyns - densely tufted, to 600 mm, spikelets reddish; 7-11; lower slopes, Cape Peninsula.
bromoides (Lam.) Pfeiffer - (bergpalmiet); tufts to over 1 m, spikelets pinkish; 10-2; lower slopes, Worcester, Paarl to Peninsula, Humansdorp.
burmanii (Schrader) C.B. Clarke - tufted, 100-300 mm, spikelets rusty-brown; 11-4; mountain slopes, Tulbagh, Paarl, Caledon, Swellendam.
capillacea (Thunb.) C.B. Clarke - tufted perennial, 300-800 mm, spikelets dark brown; mainly 10-11; mountain slopes, Paarl, Peninsula to Humansdorp, Oudtshoorn.
compacta Levyns - densely tufted, to 600 mm, spikelets yellow-brown; 8-11; lower slopes, Cape Peninsula.
compar (L.) Lestib. - (biesie, biesiegras); 300-900 mm, spikelets brown; 4-6; lower slopes, Tulbagh, Peninsula to Humansdorp.
compressa Turrill - robust perennial, to over 1 m, spikelets brown?; 2; mountain slopes, Knysna, Humansdorp, Uitenhage.
crassa Levyns - robust tufted perennial, to 600 mm, spikelets brown?; 4-6; lower slopes, Cape Peninsula.
crinifolia (Nees) C.B. Clarke - tufted perennial, to 300 mm, spikelets dark red-brown; 8-10; Clanwilliam to Peninsula, Caledon.
cuspidata (Rottb.) C.B. Clarke - (biesie, biesiegras); tufted perennial, 300-600 mm, spikelets dark brown; 8-11; mountain slopes, Cedarberg to Port Elizabeth (E Cape to Natal).
dregeana (Boeckeler) C.B. Clarke - tufted perennial, to 600 mm, spikelets golden-brown; 12-1; lower slopes, Stellenbosch, Paarl, Caledon, Humansdorp.
exilis Levyns - tufted perennial, 200-300 mm, spikelets brown; 4-6; flats and slopes, Cape Peninsula.
eximia C.B. Clarke - relatively robust tufted perennial, 300-900 mm, spikelets rusty brown; 5-8; flats, Peninsula, Port Elizabeth?.
fasciata (Rottb.) C.B. Clarke - 300-800 mm, spikelets light brown; 11-5; lower to middle slopes, Peninsula, Caledon.
ferruginea C.B. Clarke - tufted perennial, to 600 mm, spikelets rusty-brown; 3-7; upper mountain slopes, Cedarberg to Worcester, Witteberg, Paarl.

fimbriolata (Nees) C.B. Clarke - (biesie, biesiegras); tufted perennial, 300-450 mm, spikelets grey-brown; 9-10; flats and lower slopes, Peninsula to Swellendam.
flexuosa (Thunb.) C.B. Clarke - tufted perennial, 450-750 mm, spikelets dark brown; 1-5; flats to middle slopes, Peninsula, Caledon, Riversdale.
fourcadei Turrill & Schonl. - tufted perennial, to 400 mm, spikelets reddish; 3-5; high alt., Worcester, Ladismith, George, Uniondale.
gracilis Turrill - slender tufted perennial, to 600 mm, spikelets brown; 12-1; mid to upper slopes, Paarl, Knysna, Uniondale.
graminifolia Levyns - densely tufted perennial, to 400 mm, spikelets light brown; 7-11; lower slopes, Cape Peninsula.
involucrata (Rottb.) C.B. Clarke - robust reed-like perennial, to 2 m, spikelets light brown; 1-4; mountain slopes, Worcester, Ceres to Peninsula, Caledon to Uniondale.
macowaniana B.L. Burtt - tufted perennial, to 600 mm, spikelets rusty-brown; 3; high alt., Worcester, Ceres (E Cape).
maculata Schonl. & Turrill - tufted perennial, 300-450 mm, spikelets dark brown with pale margins; 12-2; high peaks, Cedarberg, Ceres.
microstachys (Vahl) Pfeiffer - tufted perennial, to 250 mm, spikelets brown or pale; 12-2; flats to middle slopes, Tulbagh, Peninsula, Caledon to Humansdorp.
nigrovaginata (Nees) C.B. Clarke - tufted perennial, 200-450 mm, spikelets brown; 1-4; mountain slopes, Cedarberg to Worcester, Tulbagh, Paarl.
paludosa Levyns - densely tufted perennial, to 1 m, spikelets reddish; 8-11; marshy lower slopes, Cape Peninsula.
picta (Boeckeler) C.B. Clarke - tufted perennial, 200-400 mm, spikelets shining brown; 12-5; upper alt., Cedarberg to Worcester, Tulbagh to Paarl.
pillansii Levyns - slender tufts, to 250 mm, spikelets greenish; 1-2; lower slopes, Worcester to Swellendam, Caledon, Humansdorp.
pubescens Schonl. & Turrill - densely tufted, to 120 mm, flowering stems shorter than leaves, spikelets light brown; 1-2; upper alt., Cedarberg, Paarl.
pygmaea Levyns - tufted perennial, to 150 mm, spikelets yellow-brown; 2-4; coastal sand, Cape Peninsula.
robusta (Kunth) C.B. Clarke - robust, to 1 m, spikelets dull brown; 3; mountain slopes, Swellendam, Humansdorp.
secans C.B. Clarke - (bergklapper); robust tufts to over 1 m, spikelets dusky-brown; 5; forest margins, Riversdale to Humansdorp.
sylvatica (Nees) C.B. Clarke - (biesie, biesiegras); tufted perennial, 150-400 mm, spikelets shining brown; 5-12; flats and lower slopes, Peninsula to Bredasdorp.
thermalis (L.) C.B. Clarke - (bergpalmiet); very stout tufts, to over 2 m, spikelets dusky-brown; 6-10; flats to middle slopes, Peninsula to Riversdale.
triangularis (Boeckeler) C.B. Clarke - tufted perennial, to 500 mm, spikelets bright red; 2-4; Worcester, Peninsula, Swartberg Mts.
ustulata (L.) C.B. Clarke - tufted perennial, 450-900 mm, spikelets shiny brown; 1-5; flats and lower slopes, Clanwilliam, Worcester, Swartberg Mts., Tulbagh to Peninsula, Caledon.
vaginata Schonl. & Turrill - tufted perennial, 150-300 mm, spikelets reddish with papery margins; 7-10; upper slopes, Cedarberg to Worcester, Swellendam.
variabilis Levyns - tufted perennial, 200-400 mm, spikelets dull brown; 4-6; flats, Cape Peninsula.

TRIANOPTILES 3 sp - S W Cape

capensis (Steudel) Harvey - grass-like annual, 60-250 mm, spikelets greenish; 8-11; damp flats or lower slopes, Ceres, Peninsula, Somerset West.
solitaria (C.B. Clarke) Levyns - grass-like annual, 100-300 mm, spikelets greenish; 8-10; damp flats, Cape Peninsula.

stipitata Levyns - (resembles **T. capensis** but ovary stalked); spikelets greenish; 8-10; flats, Peninsula, Caledon.

DIOSCOREACEAE

DIOSCOREA ca 400 sp - pantropical and warm temperate

burchellii Baker - climber with tuberous or woody rootstocks, to 2 m, flowers cream; 4-6; damp slopes, George to Port Elizabeth.
elephantipes (L'Her.) Engl. - (elephants foot, hottentotsbrood); armour-plated exposed tuber, twining stems to 900 mm, flowers yellowish-green; 11-2; karroid slopes, Clanwilliam, Ladismith to Port Elizabeth (E Cape).
hemicrypta Burkill - tuber half-exposed and armour-plated, stems erect or climbing, 0,3-1,2 m, flowers mustard; 1-4; lower rocky slopes, Little Karoo (S Namaqualand?).
mundii Baker - twining stems to 5 m, flowers greenish; 4-8; coastal bush or forest, George, Knysna.
sylvatica (Kunth) Ecklon - (elephants foot, hottentotsbrood); tuber plated, stems twining, to 6 m, flowers yellowish-green; 10-3; bush or forest, Knysna to Port Elizabeth (E Cape to tropical Africa).

DRACAENACEAE

DRACAENA ca 50 sp - mainly Old World tropics, also Central America

hookeriana K. Koch - 0,5-9 m, arborescent, flowers white; warm months; forests, Uitenhage, Port Elizabeth (E Cape to Swaziland).

SANSEVIERIA ca 12 sp - dry palaeotropics and subtropics, mainly Africa,

hyacinthoides (L.) Druce - (wildedatel, wildewortel); acaulescent succulent with rigid leaves, 300-500 mm, flowers white; 11-3; dry areas, Uitenhage (E Cape to S tropical Africa).

ERIOSPERMACEAE

ERIOSPERMUM 80 sp - sub-Saharan Africa, mainly Namaqualand and S W Cape

alcicorne Baker - leaf cordate, bluish with short flat appendages above, flowers whitish with dark keels; 1-4; dry lower slopes, Nieuwoudtville, Worcester to Uniondale (Karoo).
bayeri P. Perry - leaf erect, lanceolate, blue-green, flowers greenish; 4-5; arid stony lower slopes, Worcester, Robertson (W Karoo).
bifidum R.A. Dyer - leaf erect, stalked, lanceolate, bluish, flowers green with orange filaments; 1-4; arid lower shale slopes, Port Elizabeth (E Cape).
bowieanum Baker - leaf small, bluish, cordate with appendages above, flowers small, greenish; 2-3; stony flats and lower slopes, Worcester, Robertson.
brevipes Baker - leaf semi-erect, cordate, pubescent, flowers white; 1-3; sandy flats and lower slopes, Knysna to Port Elizabeth (E Cape).
breviscapum Marloth ex P. Perry - leaf prostrate, orbicular, fleshy, flowers white; 2-3; clay flats, Worcester, Montagu, Bredasdorp.

capense (L.) T.M. Salter - leaf with short petioles, prostrate or semi-erect, cordate, flowers whitish; 11-3; semi-arid lower slopes, widespread in S W Cape (Namaqualand, E Cape, Karoo).

cernuum Baker - leaf erect, stalked, narrowly elliptic, flowers white; 2-4; sandy damp lower to middle slopes, Worcester, Peninsula, Bredasdorp.

cordiforme T.M. Salter - leaf prostrate or semi-erect, slightly pubescent, flowers whitish with green keels; 1-2; gravelly lower slopes, Peninsula, Riversdale, Port Elizabeth (E Cape).

dielsianum Schltr. - leaf semi-erect, shortly stalked, softly pubescent, flowers white; 1-3; stony lower slopes, Worcester, Montagu, Caledon, Bredasdorp.

disitiflorum Schltr. - leaf stalked, erect, lanceolate, flowers whitish; 1-4; sandy lower to middle slopes, Riversdale, Port Elizabeth (E Cape).

dregei Schonl. - leaf small, cordate with pubescent branched appendages above, flowers white with dark keels; 3; semi-arid lower slopes, Port Elizabeth (S Karoo, E Cape).

dyeri Archibald - leaf prostrate, broadly cordate, softly pubescent, flowers whitish with green keels; 12-3; sandy lower to middle slopes, Port Elizabeth (E Cape).

flabellatum Marloth ex P. Perry - leaf small, cordate with narrow branched appendages above, flowers whitish; 4; stony lower slopes, Witteberg, Ladismith (W Karoo).

graminifolium Duthie - leaf erect, stalked, narrow, flowers whitish with dark keels; 2-4; stony clay flats and lower slopes, Worcester, Stellenbosch, Bredasdorp.

lancifolium Jacq. - leaf erect, stalked, bluish, flowers white with reddish keels; 3-4; sandy flats and lower slopes, Clanwilliam, Peninsula, Worcester, Caledon.

nanum Marloth - leaf prostrate, cordate, flowers yellowish with reddish keels; 2-4; sandy flats, Malmesbury, Peninsula.

paradoxum (Jacq.) Ker Gawler - leaf small, cordate with feathery appendages above, flowers white; 4-5; widespread in S W Cape (Namaqualand, Karoo).

parvifolium Jacq. - leaf erect, oval, flowers tiny, whitish; 3; stony lower slopes, Nieuwoudtville (Namaqualand).

patentiflorum Schltr. - leaf erect, shortly stalked with wrinkled sheath, oval, flowers white with purple keels; 4; sandy flats and lower slopes, Clanwilliam.

porphyrium Archibald - leaf prostrate, cordate, purple below, flowers cream to green; 2-5; lower clay slopes, Port Elizabeth (E Cape).

proliferum Baker - leaf small, cordate with pubescent appendages above, flowers white with dark keels; 2-3; lower slopes, Worcester, Caledon, Montagu, Bredasdorp.

pubescens Jacq. - leaf shortly stalked, semi-erect, cordate, softly pubescent below, flowers whitish with reddish keels; 2-4; stony lower slopes, Gifberg, Worcester, Peninsula, Bredasdorp, Oudtshoorn.

pumilum T.M. Salter - leaf small, erect, narrowly oval with pubescent stalk, flowers small, white; 3-4; lower slopes, Cedarberg, Peninsula.

schlechteri Baker - leaf erect, green, flowers yellow; 3-4; stony, sandy lower slopes, Peninsula, Caledon, Hermanus.

spirale (L.) Bergius - leaf tiny, linear, flowers small, white; 4-5; sandy flats, Clanwilliam, Peninsula.

zeyheri R.A. Dyer - leaf prostrate, orbicular to cordate, fleshy, flowers greenish; 1-3; dry lower clay slopes, Ladismith to Port Elizabeth (E Cape).

HAEMODORACEAE

DILATRIS 4 sp - S W Cape

corymbosa Bergius - (rooiwortel); 400-600 mm, rhizome reddish, leaves equitant, flowers mauve; 8-1; slopes and flats, Tulbagh, Peninsula to Caledon.

ixioides Lam. - 200-400 mm, rhizome reddish, leaves equitant, flowers mauve; 9-2; mid to upper mountain slopes and plateaus, Nieuwoudtville to Ceres, Piketberg to Stellenbosch, Caledon to George.
pillansii W. Barker - 200-450 mm, rhizome reddish, leaves equitant, flowers mauve; 8-1; Cedarberg to Worcester, Peninsula to Bredasdorp.
viscosa L.f. - 450-600 mm, flowers dull orange and yellow; 8-12; marshy places on mountain slopes and plateaus, Ceres, Worcester, Peninsula to Riversdale.

LANARIA 1 sp - S W and S Cape

lanata (L.) Durand & Schinz - (Cape edelweiss, kapokblom, perdekapok); leaves many, narrow, from woody rootstock, 300-800 mm, flowers small, mauve, surrounded by white wool; 11-1; Caledon to Port Elizabeth (E Cape).

WACHENDORFIA 5 sp - S W and S Cape

brachyandra W. Barker - 200-650 mm, flowers apricot-yellow with dark markings; 9-12; damp places, Peninsula, Caledon.
graminifolia L.f. - 600-800 mm, robust, flowers apricot-yellow with dark markings; 11-12; Nieuwoudtville to Peninsula, Caledon.
paniculata L. - (rooikanol, spinnekopblom); slender herb, 200-700 mm, flowers yellow often with dark markings; 9-10; Clanwilliam to Port Elizabeth.
parviflora W. Barker - 100-300 mm, flowers dull yellow; 8-10; Clanwilliam to Peninsula, Worcester, Robertson.
thyrsiflora L. - (rooikanol); 0,6-1,2 m, flowers golden-yellow; 9-12; marshy places, Peninsula to Port Elizabeth.

HYACINTHACEAE

ALBUCA ca 30 sp - S W Cape to tropical Africa

altissima Dryander - to 1,5 m, leaves broad, bluish-green, fleshy, flowers white and green; 9-10; widespread, Piketberg, Clanwilliam, Worcester, Little Karoo (Namaqualand).
aurea Jacq. - to 500 mm, leaves broad, green, flowers yellow, with green keels; 9-11; Port Elizabeth (E Cape).
canadensis (L.) Leighton - 400-700 mm, leaves broad, green, flowers yellow and greenish; 9-11; Peninsula to Clanwilliam (S Namaqualand).
cooperi Baker - 350-600 mm, leaves linear, greyish, flowers yellow, with green keels; 9-11; Nieuwoudtville to Malmesbury and east to Swellendam (Namaqualand).
flaccida Jacq. - 400-600 mm, leaves linear, greyish, flowers yellow; 8-9; Cape Peninsula.
fragrans Jacq. - 400-500 mm, leaves linear, flowers yellow; 11-12; wet sites, Peninsula, Caledon.
imbricata Leighton - 200-350 mm, leaves narrow, flowers yellow and green; 9-10; Peninsula, Paarl.
juncifolia Baker - 300-400 mm, leaves narrow, bright green, flowers yellow and green; 10-11; Peninsula to Worcester.
macowanii Baker - 150-200 mm, leaves linear, flowers erect, yellow and green; 11-12; S Cape, Riversdale to George.
massonii Baker - 150-250 mm, leaves few, linear, flowers greenish; 10-11; Cedarberg and Pakhuis Mts.
spiralis L.f. - 200-400 mm, leaves spiral, channelled, rough, flowers yellow and green; 9-10; Peninsula to Clanwilliam (Namaqualand, W Karoo).

AMPHISIPHON 1 sp - Nieuwoudtville

stylosa W. Barker - acaulescent, leaves prostrate, flowers yellow with prominent styles; 4-6; clay soils, Nieuwoudtville.

ANDROSIPHON 1 sp - Nieuwoudtville and W Karoo

capense Schltr. - acaulescent, leaves prostrate, flowers yellow and red; 6-9; clay soils, Nieuwoudtville (W Karoo).

DIPCADI 30 sp - Africa, Mediterranean and India

brevifolium (Thunb.) Fourc. - (slangui); 200-400 mm, leaves filiform and straight or coiled, flowers brown, green or cream; 9-11; Clanwilliam to Worcester, Peninsula (Namaqualand, W Karoo).
ciliare (Zeyher & Harvey) Baker - (slanguintjie); to 400 mm, leaves narrow, often twisted, crisped or undulate, ciliate, flowers brown, green, or yellowish; 11-12; Little Karoo (Karoo, Transvaal, Natal).
crispum Baker - (krului); to 300 mm, leaves coiled, crisped and usually ciliate, flowers brown to orange; 5-7; Clanwilliam (Namaqualand, Namibia, W Karoo).
viride (L.) Moench - (gifbolletjie, skaamblommetjie); 0,15-1,2 m, leaves long, erect, tapering, flowers green to brown; 9-2; Little Karoo (widespread in eastern southern Africa, N Namibia to Zambia).

DRIMIA ca 20 sp - southern and tropical Africa

ciliaris Jacq. - (jeukbol); to 150 mm, flowers brown-purple; 2-3; Piketberg, north to Olifants River (S Namaqualand).
elata Jacq. ex Willd. - (brandui); 500-800 mm, flowers white, green or purple; mainly 12-4; Saldanha, Peninsula east to Port Elizabeth (Natal, Transvaal, OFS).
forsteri (Baker) Oberm. - (maerman); 1-2 m, leaves hysteranthous, flowers cream with green keels, nearly sessile; 12-3; Piketberg to Peninsula, Caledon to Mossel Bay.
haworthioides Baker - (jeukbol); 200-400 mm, flowers greenish-brown; 11-2; dry karroid areas, Worcester, Ladismith, Uniondale (E Cape and Karoo).
media Jacq. ex Willd. - (jeukbol); 300-550 mm, flowers purple-brown; 1-3; sandy soils, Saldanha, Peninsula to Knysna.

EUCOMIS 10 sp - S W Cape to S tropical Africa

autumnalis (Mill.) Chitt. - 60-300 mm, flowers white to greenish; 12-2; Knysna to Port Elizabeth (E Cape to Transvaal, Natal, S tropical Africa).
comosa (Houtt.) Hort. ex Wehrh. - 0,17-1 m, flowers greenish; 12-2; Uitenhage (E Cape, Natal).
regia (L.) L'Her. - (wildepynappel); 80-150 mm, flowers cream to greenish; 8-9; Saldanha to Nieuwoudtville, Paarl, Caledon (W Karoo).

LACHENALIA ca 80 sp - SW Cape to Namibia, Karoo and E Cape

algoensis Schonl. - 80-200 mm, flowers yellow, green markings; 8-9; Worcester, Bredasdorp east to Port Elizabeth (E Cape).
aloides (L.f.) Asch. & Graebner - (= **L. tricolor** Jacq.) (Cape cowslip, klipkalossie, vierkleurtjie); 80-150 mm, flowers red and yellow with green tips; 7-10; Citrusdal, Piketberg to Peninsula.

ameliae W. Barker - 40-115 mm, leaves 1-2, ovate and spreading, pilose, flowers cream shading to yellow, with green markings; 8-9; clay flats, Montagu to Touwsrivier (S W Karoo).
anguinea Sweet - 150-300 mm, flowers cream, green markings; 7-9; west coast in sand, Redelinghuys to Olifants River (Namaqualand).
bachmannii Baker - 150-300 mm, flowers white with reddish-purple markings; 8-9; Piketberg to Stellenbosch.
bolusii W. Barker - to 350 mm, leaf solitary with undulate margins, flowers blue and white; 8-9; Pakhuis Mts. to Nieuwoudtville (Namaqualand).
bowkeri Baker - 150-300 mm, flowers white tinged with red; 7-8; Port Elizabeth (E Cape).
bulbifera (Cirillo) Hort. - (rooinaeltjie); 120-250 mm, flowers red to orange, tipped green to purple; 5-8; deep sandy soils, mainly coastal, Vredendal, Saldanha, Peninsula to Mossel Bay.
campanulata Baker - 50-90 mm, flowers pink to purple; 10-12; south coast, Bredasdorp to Swellendam.
capensis W. Barker - ca 150 mm, flowers yellow and blue; 9-10; Cape Peninsula.
contaminata Aiton - (wild hyacinth, groenviooltjie); 80-200 mm, flowers white; 9-10; sandy flats, Piketberg, Peninsula to Bredasdorp.
elegans W. Barker - 150-450 mm, flowers blue and mauve; 9-11; mainly montane, in sand, Nieuwoudtville to Cedarberg, Cold Bokkeveld (W Karoo).
esterhuyseniae W. Barker - 150-450 mm, flowers cream, green markings; 10-12; Cedarberg Mts.
fistulosa W. Barker - 100-150 mm, flowers blue and cream to yellow; 8-10; Piketberg, Worcester, Peninsula, Caledon.
gillettii W. Barker - 90-250 mm, flowers white and purple; 8-9; Piketberg, Olifants River Mts.
haarlemensis Fourc. - 150 mm, flowers mauve; 9; Long Kloof.
hirta Thunb. - 120-200 mm, leaf margins hairy, flowers white to yellow and blue; 8-9; Piketberg, Clanwilliam (Namaqualand).
isopetala Jacq. - 150-300 mm, flowers white, marked dark red; 9-11; Nieuwoudtville (Calvinia).
juncifolia Baker - 80-150 mm, flowers blue to purple; 8-9; Ceres, Worcester, Montagu, Bredasdorp.
latifolia Tratt. - 150-300 mm, flowers white marked reddish; 9-11; Swellendam to George.
latimerae W. Barker - to 280 mm, leaves two, linear, flowers pale pink to lilac; Oudtshoorn to Humansdorp.
liliflora Jacq. - to 120 mm, flowers white; 9-10; clay slopes, Paarl to Bellville.
longibracteata E. Phillips - 60-250 mm, flowers blue and yellow; 6-8; sandy flats, Malmesbury, Saldanha, Piketberg.
macgregorii W. Barker - 160-350 mm, flowers white, marked dark red; 10-11; klipkoppies at Nieuwoudtville.
margaretae W. Barker - to 120 mm, leaf solitary, lanceolate, flowers white with brown markings; 10-12; Pakhuis Pass.
marginata W. Barker - 110-300 mm, leaf solitary, short and broad, flowers blue green with brown markings; 7-8; sandy soils, Cedarberg to Nieuwoudtville.
martinae W. Barker - to 250 mm, leaf solitary, falcate with undulate margins, flowers white with blue-grey markings; 7-8; sandy soils, Clanwilliam.
mathewsii W. Barker - to 120 mm, flowers yellow; 9; Saldanha.
maximiliani Schltr. ex W. Barker - to 200 mm, leaf solitary, broad, flowers pale blue and white with reddish markings; 7-8; Bidouw Mts. to Cedarberg.
mediana Jacq. - 150-300 mm, flowers blue-grey; 8-9; Porterville to Peninsula, Caledon, Stellenbosch.

moniliformis W. Barker - 120-170 mm, leaves several, filiform, banded below, flowers pale blue; 9; Worcester district, rare.
montana Schltr. ex W. Barker - 100-350 mm, flowers cream, marked green to brown; 10-12; mainly coastal mts., Caledon.
muirii Baker - 120-250 mm, flowers purple; 11-12; limestone hills and flats, Bredasdorp to Riversdale coast.
multifolia W. Barker - 70-200 mm, flowers white with green markings; 9-10; arid rocky places, Ceres (W Karoo).
mutabilis Sweet - 150-450 mm, flowers blue becoming yellow and fading brown; 8-9; sandy soils, Nieuwoudtville to Piketberg, Worcester (W Karoo, Namaqualand).
orchioides (L.) Aiton - (wild hyacinth, blouviooltjie); 120-250 mm, flowers blue-purple; 6-9; Cedarberg to Peninsula and east to Gouritz River.
orthopetala Jacq. - 80-150 mm, leaves several, subulate, flowers white with maroon markings; 9-10; damp sandy ground, Piketberg, Saldanha to Bellville.
pallida Aiton - 100-250 mm, flowers white to pale yellow; 8-10; Malmesbury, Stellenbosch, Saldanha.
peersii Marloth ex W. Barker - 150-300 mm, flowers white, green markings; 9-11; coastal, Hangklip to Hermanus.
polyphylla Baker - 80-150 mm, flowers white; 9-10; Piketberg, Tulbagh, Gouda.
purpureo-caerulea Jacq. - 100-200 mm, flowers blue and purple; 10-11; sandy soils, Darling and Mamre.
pusilla Jacq. - 30-50 mm, flowers white; 4-6; sandy soils, Gifberg to Worcester, Saldanha, Piketberg.
pustulata Jacq. - 150-200 mm, flowers cream, often marked blue or purple; 9-10; Peninsula, Malmesbury, Worcester.
reflexa Thunb. - 60-150 mm, leaves two, broad and clasping the stem, flowers yellow; 6-8; damp sandy flats, Malmesbury, Wellington to Peninsula.
rosea Andrews - 80-200 mm, flowers pink, often marked blue; 8-12; mainly coastal, Peninsula to Knysna.
rubida Jacq. - (bergnaeltjie, sandkalossie); 80-150 mm, flowers red, purple tips; 4-7; sandy soils, Elands Bay to Peninsula, Caledon to George.
salteri W. Barker - 150-350 mm, flowers pink and blue; 10-12; marshy places, Bettys Bay to Bredasdorp.
sargeantii W. Barker - 200-300 mm, flowers cream, marked greenish-brown; 10; Bredasdorp Mts.
splendida Diels - (= **L. roodiae** E. Phillips), 100-250 mm, flowers purple and blue; 7-8; sandy flats and lower slopes; Clanwilliam (S Namaqualand).
stayneri W. Barker - 120-300 mm, leaves two, broad, prostrate and pustulate, flowers pale blue with red-brown markings; 8-9; Worcester to Robertson.
subspicata Fourc. - 60-130 mm, leaves two, linear, flowers mauve-pink; 9; gravel flats, Riversdale to Humansdorp.
trichophylla Baker - 80-100 mm, leaf solitary, hirsute, flowers pale yellow; 8-9; Clanwilliam to Gifberg (Namaqualand).
unicolor Jacq. - 80-300 mm, flowers blue and purple; 9-10; sandy soils, Nieuwoudtville to Stellenbosch, False Bay, Worcester.
unifolia Jacq. - 80-200 mm, flowers white and blue to purple; 8-10; Caledon, Worcester, Peninsula to Clanwilliam (Namaqualand).
variegata W. Barker - 150-250 mm, flowers greenish with purple markings; 8-9; Clanwilliam to Peninsula.
ventricosa Schltr. ex W. Barker - 200-450 mm, leaf solitary, channelled with undulate margins, flowers blue; 8-9; Clanwilliam, Nardouw and Pakhuis Mts.
violacea Jacq. - 120-130 mm, flowers green and blue to purple; 7-9; sandy soils, Olifants River valley, Clanwilliam, Botterkloof (Namaqualand, W Karoo).

viridiflora W. Barker - 80-150 mm, flowers green; 6-7; granite hills, Vredenburg, Steenberg.
youngii Baker - 80-200 mm, flowers blue and pink; 9-11; south coast, Knysna to Humansdorp.
zeyheri Baker - 80-160 mm, flowers white, tinged with pink; 9-10; Ceres to Elandskloof, mainly Cold Bokkeveld.

LEDEBOURIA ca 30 sp - southern and tropical Africa, India

ovalifolia (Schrader) Jessop - 70-120 mm, flowers purple or pink and white; 12-4; Hex River Valley, Caledon to Humansdorp.
revoluta (L.f.) Jessop - to 150 mm, flowers purple and greenish; mainly 10-12; Swellendam to Riversdale (Transvaal, Namibia).
undulata (Jacq.) Jessop - 100-150 mm, flowers purple-pink and greenish; 11-1; Saldanha, Botterkloof, Willowmore to Humansdorp (dry areas of southern Africa).

LITANTHUS 1 sp - widespread in South Africa

pusillus Harvey - 20-80 mm, flowers white to pale pink; 12-3; sandy soils, Vredendal, Ladismith, Uniondale, Port Elizabeth (Transvaal, OFS, Natal).

MASSONIA 8 sp - widespread in dry areas, Cape, Namaqualand, Karoo and Lesotho

angustifolia L.f. - prostrate, flowers white, yellow or red; 5-6; Saldanha (Namaqualand, Karoo).
depressa Houtt. - prostrate, flowers green, yellow, white, pink or red; 5-7; widespread in dry areas, Nieuwoudtville to Long Kloof (Namaqualand, E Cape, Karoo).
echinata L.f. - prostrate, flowers yellow or white, fading pink; 5-7; widespread in dry areas, Nieuwoudtville to Port Elizabeth (Karoo).
heterandra (Isaac) Jessop - prostrate, leaves pustulate-papillate, flowers pink or white; 4-5; mountains, Villiersdorp, Ceres, Cedarberg.
pustulata Jacq. - prostrate, leaves pustulate, flowers pink, white or yellow; 6-9; Clanwilliam to Port Elizabeth (Namaqualand, Karoo).

NEOPATERSONIA 3 sp - S W Cape to Namibia and E Cape

uitenhagensis Schonl. - 150-200 mm, leaves lanceolate, flowers white and greenish, or red; 10; Port Elizabeth, Uitenhage, Robertson.
sp - to 250 mm, leaves linear-lanceolate, fleshy, flowers white; 10; southern Cape.

ORNITHOGALUM ca 120 sp - Africa and Eurasia

bicornutum Leighton - 100-160 mm, leaves hysteranthous, flowers white, evening-blooming; 10-12; dry, stony karroid situations, Botterkloof (W Karoo).
conicum Jacq. - (viooltjie, chinkerinchee); 0,4-1 m, flowers white; 10-12; flats and lower slopes, Nieuwoudtville to Peninsula, Montagu (Namaqualand, E Cape).
constrictum Leighton - 200-400 mm, leaves hysteranthous, flowers white; 12-2; clay soils in renosterveld, Bredasdorp, Little Karoo to Port Elizabeth (E Cape).
diluculum Oberm. - to 250 mm, leaf solitary, hysteranthous, flowers lax, yellow with broad green margins; 9; Bloutoring, Montagu.
dregeanum Kunth - to 500 mm, slender, flowers white; 12-1; sandy situations, often wetter sites, Peninsula to Caledon, Tulbagh.

dubium Houtt. - (geeltjienkerientjee); 100-500 mm, flowers yellow to orange or white; 8-12; mountains and flats, Clanwilliam to Paarl, Caledon to Port Elizabeth (E Cape, Transkei).

esterhuyseniae Oberm. - 500-700 mm, flowers small, white; 12-2; wet places at high alt., Hex River to Hottentots Holland Mts.

fimbrimarginatum Leighton - 200-450 mm, flowers white sometimes with dark centre; 9-1; widespread, Gifberg to Port Elizabeth (E Cape).

graminifolium Thunb. - 100-300 mm, flowers white to yellow or pink; 12-3; mountain slopes, often moist sites, Clanwilliam to Peninsula, Caledon to Knysna.

hispidum Hornem. - 100-400 mm, leaves often pubescent, hysteranthous, flowers white; 8-12; clay flats or rock outcrops, Nieuwoudtville to Peninsula, Ceres, Caledon, Worcester (Namaqualand).

inclusum Leighton - 300 mm, leaves hysteranthous, flowers white; 8-9; karroid flats, Doornbos, Clanwilliam district.

juncifolium Jacq. - (skilpadkos); 100-400 mm, leaves many, slender, flowers small, white; 11-3; dry flats or exposed rocky slopes, Little Karoo, Caledon to Port Elizabeth (eastern southern Africa).

maculatum Jacq. - (viooltjie, slangblom); 80-500 mm, flowers orange to red, often dark at tips of outer tepals; 9-10; usually sandy soils, often on rocks, Nieuwoudtville to Malmesbury (W Karoo).

multifolium Jacq. - (geelviooltjie, kliptjienk, slangblom); 30-250 mm, leaves terete, flowers orange-yellow; 9-10; in pockets of soil on rock, Nieuwoudtville to Swellendam (Namaqualand).

niveum Aiton - 100-300 mm, straggling, leaves filiform, flowers translucent white; 12-2; rock ledges at mid to upper alt., Peninsula to Riversdale, Langeberg and Swartberg Mts. (W Karoo).

ornithogaloides (Kunth) Oberm. - 200-450 mm, long terete leaves, flowers white; 11-3; vleis and riverbanks, Riversdale to Port Elizabeth (eastern S Africa to Malawi).

paludosum Baker - flowers small, white; 9-3; moist grassland, mainly montane to alpine, Caledon to Storms River (Natal, Transvaal).

pilosum L.f. - 150-300 mm, flowers white; 10-12; clay flats and lower slopes, Clanwilliam to Worcester, Peninsula to Riversdale (W Karoo, Namaqualand).

polyphyllum Jacq. - 250-600 mm, leaves many, narrow, flowers fragrant, white with green keels; 8-9; Nieuwoudtville to Clanwilliam (Namaqualand).

pruinosum Leighton - 100-300 (-600) mm, flowers white, scented; 9; rocky slopes and plateaus, Gifberg (Namaqualand, Richtersveld).

rogersii Baker - 200-300 mm, leaves about 3, long narrow, flowers white, delicate; 12; wet mountain situations, George.

rupestre L.f. - 20-100 mm, leaves 1-3, narrow, flowers white, often flushed pink; 9; sandy soil in rock pockets on granite, Saldanha to Vredenburg.

secundum Jacq. - ca 350 mm, leaves broad, spreading, fimbriate, withered at flowering, flowers yellow with green keels; 8-11; west coast, Klawer to Saldanha (Namaqualand).

suaveolens Jacq. - (geelviooltjie); 100-500 mm, leaves several, narrow, flowers yellow with green keels; 9-11; dry slopes and flats, Nieuwoudtville to Peninsula, Caledon to Humansdorp (Namaqualand, Namibia).

subcoriaceum L. Bolus - to 200 mm, leaves few, broad, flowers white; 9-10; sandy mid to upper slopes and plateaus, Nieuwoudtville to Gydo Pass.

tenuifolium Delaroche - (bosui); 100-600 mm, leaves ca 5 , narrow, flowers whitish with green keels; 11-3; grassveld, Humansdorp (southern and tropical Africa).

thermophilum Leighton - 150-300 mm, leaves 2-4, hysteranthous, short and crisped, flowers white with orange keels; 12; rocky slopes, Clanwilliam.

thyrsoides Jacq. - (chinkerinchee); 200-500 mm, flowers white, often with dark centre; 10-12; flats and lower slopes, often in vleis, Gifberg to Peninsula, Caledon (Namaqualand).
unifolium Retz. - 60-300 mm, leaf usually solitary, short, usually hysteranthous, flowers pale yellow to buff; 9-11; dry karroid places, Worcester to Robertson (Namibia, Karoo, OFS).
xanthochlorum Baker - to 600 mm, leaves several, fleshy, flowers green; 8-9; sandy plateaus, Ceres, Cedarberg, Nieuwoudtville (Namaqualand).
zebrinellum U. & D. Muller-Doblies - 40-60 mm, sheaths striped, flowers white; 2-3; Clanwilliam to Hex River Mts. (Namaqualand, W Karoo).

POLYXENA 2 sp - S W Cape, W Karoo, Namaqualand

corymbosa (L.) Jessop - to 70 mm, acaulescent, flowers pink to white; 4-6; Clanwilliam to Peninsula.
ensifolia (Thunb.) Schonl. - to 50 mm, acaulescent, flowers white to mauve or pale blue; 4-6; Nieuwoudtville to Port Elizabeth (Namaqualand, W Karoo).

RHADAMANTHUS ca 10 sp - S W Cape to S Namibia, Karoo

albiflorus R. Nordenstam - 120-240 mm, flowers white with brown keels, nodding; 12; mountains, Swellendam.
convallarioides (L.f.) Baker - 80-250 mm, flowers light brown, nodding; 10-12; sandy soils, Clanwilliam, Nieuwoudtville (W Karoo, Namaqualand).
montanus R. Nordenstam - 50-300 mm, flowers pink to brown, nodding; 11-2; mountains, Clanwilliam, Piketberg, Ceres to Oudtshoorn.
platyphyllus R. Nordenstam - 30-150 mm, flowers red-brown to pink, nodding; 11-1; Worcester, Ceres, Clanwilliam, Uniondale (Namibia, OFS).
urantherus R.A. Dyer - 120-200 mm, flowers light brown, nodding; 3-4; dry flats, Oudtshoorn.

SCHIZOBASIS 2 sp - southern Africa

intricata (Baker) Baker - (volstruiskos); 100-500 mm, leafless when in bloom, flowers white, yellow or pink; 1-3; Little Karoo, Robertson to Port Elizabeth (throughout southern Africa).

SCILLA ca 40 sp - S W Cape to Eurasia

plumbea Lindley - (blouberglelie); 200-400 mm, flowers purple-blue; 12-1; mountains, local, Worcester to Port Elizabeth.

TENICROA 4 sp - S W Cape to Namaqualand, S Namibia

exuviata (Jacq.) Speta - (= **Urginea exuviata** (Jacq.) Steinh., **Drimia exuviata** (Jacq.) Jessop); to 1 m, leaves few, flowers white with green keels; 9-10; widespread, Nieuwoudtville to Port Elizabeth (Namaqualand, E Cape).
filifolia (Jacq.) Rafin. - (= **Urginea filifolia** Duthie); 100-300 mm, leaves many, flowers white to purplish; 9-12; Vredendal, Nieuwoudtville to Bredasdorp.
fragrans (Jacq.) Oberm. - (= **Urginea fragrans** (Jacq.) Steinh.), 400-800 mm, leaves many, flowers white with green keels; 9-11; Nieuwoudtville to Malmesbury.

URGINEA ca 40 sp - Africa, Mediterranean, Asia

altissima (L.f.) Ker Gawler - (jeukbol); to 1,6 m, flowers pedicillate, white, often with dark keels; 11-1; Uitenhage (E Cape to tropical Africa).
barkerae Oberm. - 100-200 mm, leaves pubescent, flowers dull red; 10-11; Piketberg.
dregei Baker - 120-300 mm, flowers brownish or white with dark keels; 11-3; mountain slopes, Peninsula to Caledon.
gracilis Duthie - 300-450 mm, flowers cream with dark keels; 2-4; Paarl.
marginata (Thunb.) Baker - 150-200 mm, flowers brown; 12-2; sandy soils, Ceres to Clanwilliam (Namaqualand).
minor Duthie - 60-80 mm, flowers brownish; 2-4; Cape Peninsula.
physodes (Jacq.) Baker - 50-100 mm, bulbs and leaves large, flowers white; ?; Nieuwoudtville to Clanwilliam (Namaqualand).
purcellii Oberm. ined. - 100-200 mm, flowers white with brown keels; 1-3; sandy soils, Peninsula to Paarl.
pusilla (Jacq.) Baker - (bergslangkop); 60-100 mm, flowers white; 2-3; Worcester, Cedarberg (S Namaqualand).
revoluta Duthie - 150 mm, flowers whitish; 12-1; mountains, Caledon.
rigidifolia Baker ex Oberm. - 100-200 mm, flowers white with green keels; 11-1; Little Karoo, Oudtshoorn (E Cape).
rosulata Oberm. - 70-150 mm, flowers white; 1-2; southern Cape, Bredasdorp to Port Elizabeth.
virens Schltr. - 100-150 mm, flowers white with green keels; 10; Botterkloof, Clanwilliam.

VELTHEIMIA 2 sp - S W Cape, Namaqualand, E Cape

capensis (L.) DC. - 200-400 mm, flowers red, pink or yellow; 4-7; Saldanha to Nieuwoudtville, Worcester, Little Karoo (Namaqualand, W Karoo).

WHITEHEADIA 1 sp - W Cape to Namaqualand

bifolia (Jacq.) Baker - 80-120 mm, leaves prostrate, flowers white, spikes dense, leafy above; 6-8; Gifberg to Pakhuis Pass (Namaqualand).

HYDROCHARITACEAE

HALOPHILA ca 9 sp - tropical coasts of Indian and Pacific Oceans

ovalis (R. Br.) Hook. f. - creeping marine aquatic exposed only at very low tides; 1; Knysna (E Cape to Natal, Australasia, Japan, Indonesia, Hawaii).

LAGAROSIPHON ca 16 sp - mainly Africa, Madagascar

muscoides Harvey - (babergras, waterblommetjie); submerged leafy aquatic perennial, flowers tiny, white or pink; ?; fresh water, Uitenhage (E Cape to tropical Africa).

HYPOXIDACEAE

EMPODIUM ca 10 sp - S W Cape to Transvaal

gloriosum (Nel) B.L. Burtt - to 150 mm, flowers yellow; 3-6; lower slopes, Riversdale to Port Elizabeth (E Cape).

namaquensis (Baker) M. Thompson - 100-450 mm, leaves pleated, flowers yellow; 4-7; Nieuwoudtville plateau (Namaqualand).
plicatum (Thunb.) Garside - (autumn star, ploegtydblommetjie, sterretjie); 100-300 mm, leaves several, flowers yellow; 4-6; flats and lower slopes, Clanwilliam?, Hopefield to Bredasdorp, Montagu, Robertson (E Cape to Natal).
veratrifolium (Willd.) M. Thompson - to 300 mm, leaves broad and plicate, flowers yellow; 5-6; coastal among granite boulders, Lamberts Bay to Saldanha Bay.

HYPOXIS ca 80 sp - pantropical and subtropical, mainly Africa

angustifolia Lam. - 150-250 mm, flowers yellow; 6-11; grassveld, Mossel Bay (E Cape to tropical Africa, Madagascar).
argentea Harvey ex Baker - 150-250 mm, flowers yellow; 12-1; Swellendam to Port Elizabeth (E Cape to Transvaal).
floccosa Baker - (sterretjie); 50-200 mm, flowers yellow; 1-4; Caledon to Humansdorp (E Cape).
longifolia Baker - 250-400 mm, flowers yellow; 11-2; Knysna to Port Elizabeth.
setosa Baker - (small yellow star, sterretjie); 150-250 mm, flowers yellow; 1-4; Swellendam to Port Elizabeth (E Cape).
stellipilis Ker Gawler - 200-300 mm, leaves silvery-pilose below, flowers yellow; 11-4; Humansdorp to Port Elizabeth.
villosa L.f. - (golden winter star, inkbol) (?= **H. sobolifera** Jacq.); 150-200 mm, flowers yellow; 3-4; Swellendam to Port Elizabeth (E Cape to Natal).

PAURIDIA 2 sp - S W Cape

longituba M. Thompson - to 100 mm, leaves linear, flowers white; 5-6; granite boulders, Vredenburg, St. Helena Bay.
minuta (L.f.) Durand & Schinz - (koringsterretjie); 30-50 mm, leaves several, flowers white or pale pink; 4-8; damp flats, Ceres, Saldanha Bay, Peninsula to Riversdale.

SPILOXENE ca 30 sp - S W to E Cape, Namaqualand

acida (Nel) Garside - to 70 mm, flowers yellow?; 1; lower slopes, Langeberg Mts. (poorly known).
alba (Thunb.) Fourc. - (vleiblommetjie, witsterretjie); to 100 mm, flowers white with maroon reverse; 4-6; marshes or damp places, Malmesbury, Peninsula.
aquatica (L.f.) Fourc. - (vleiblommetjie, watersterretjie); 100-300 mm, flowers white; 6-10; pools or marshes, Clanwilliam to Port Elizabeth (Namaqualand).
canaliculata Garside - 100-350 mm, flowers orange; 7-11; wet flats, Malmesbury, Peninsula?.
capensis (L.) Garside - (peacock flower, poublommetjie, sterretjie); 100-300 mm, flowers yellow or white with or without iridescent centre; 8-10; Clanwilliam to Tulbagh, Peninsula to Humansdorp.
curculigoides (Bolus) Garside - (sterretjie); to 150 mm, flowers yellow; 4-8; damp rocky areas, Stellenbosch, Peninsula, Caledon.
cuspidata (Nel) Garside - to 60 mm, flowers yellow; 7-10; flats and slopes, Gifberg to Clanwilliam.
declinata (Nel) Garside - flowers yellow?; 4; coastal flats, Caledon, Bredasdorp.
flaccida (Nel) Garside - (sterretjie); 60-250 mm, flowers yellow; 7-11; flats and slopes, Clanwilliam to Riversdale, Worcester.
gracilipes (Schltr.) Garside - to 200 mm, flowers yellow; 6-8; Piketberg (Namaqualand).

minuta (L.) Fourc. - 20-50 mm, minute, flowers white with green reverse; 4-6; damp flats, Clanwilliam to Peninsula.
monophylla (Schltr.) Garside - 40-90 mm, flowers yellow; 2-3; lower slopes, Caledon, Bredasdorp.
ovata (L.f.) Garside - (geelsterretjie); 60-200 mm, leaves fairly broad, flowers yellow; 7-10; Clanwilliam, Ceres to Peninsula, Caledon.
schlechteri (Bolus) Garside - (sterretjie); 60-90 mm, flowers yellow with dark reverse; 6-10; marshy flats, Clanwilliam to Peninsula.
serrata (Thunb.) Garside - (gouesterretjie); 60-200 mm, flowers yellow, orange or occ. white; 5-10; flats and lower slopes, Clanwilliam, Peninsula.
trifurcillata (Nel) Fourc. - to 120 mm, flowers yellow; 3-4; Humansdorp to Port Elizabeth (E Cape).
umbraticola (Schltr.) Garside - to 200 mm, flowers yellow?; ?; Clanwilliam, Porterville (poorly known).

IRIDACEAE

ANAPALINA 7 sp - S W to E Cape

burchellii N.E. Br. - 500-900 mm, leaves linear with 3-4 nerves, flowers bright red, tepals nearly equal; 2-6; rocky mountain slopes, Malmesbury to Worcester, Paarl to Riversdale.
caffra G. Lewis - 200-800 mm, leaves linear to ensiform with 2-3 nerves, flowers red, upper tepal very long; 9-12; lower mountain slopes and sandy flats, Heidelberg to Port Elizabeth (E Cape).
intermedia (Baker) G. Lewis - to 450 mm, leaves lanceolate with 3-4 nerves, flowers red, marked purple, upper tepal hooded; 9-12; Uniondale to Port Elizabeth.
longituba Fourc. - 250-850 mm, leaves linear with 3-5 nerves, flowers pink to red, upper tepal largest; 12-3; rocky mountain slopes, Nieuwoudtville to Paarl, Swartberg, Kammanassie Mts.
nervosa (Thunb.) G. Lewis - (karkarblom, rooipypie); 200-900 mm, leaves ensiform to lanceolate with 3-6 nerves, flowers pink to red, upper tepal largest; 12-4; rocky mountain slopes, Gifberg to Peninsula and east to Port Elizabeth.
pulchra (Baker) N.E. Br. - (rooipypie); 250-500 mm, leaves linear to lanceolate with 2-3 nerves, flowers dark red, tepals nearly equal; 2-6; Caledon to Bredasdorp.
triticea (Burm. f.) N.E. Br. - (rooibergpypie); 400-750 mm, leaves linear, 3-nerved, flowers scarlet, tepals subequal; 1-4; rocky slopes, Peninsula to George.

ANOMALESIA 3 sp - southern Cape to Namibia

cunonia (L.) N.E. Br. - (suikerkannetjie, rooipypie); 200-450 mm, flowers deep red; 9-10; coastal in sandy soils, Peninsula to Knysna.
saccata (Klatt) Goldbl. - (suikerkannetjie); 250-800 mm, flowers bright red; 6-8; Clanwilliam district east of Pakhuis Mts. (Namaqualand, Namibia).

ANOMATHECA 6 sp - Cape to S tropical Africa

fistulosa (Sprengel ex Klatt) Goldbl. - 30-200 mm, leaves ovate, prostrate, flowers small, white; 8-10; damp clay soil, occ. on granite, Nieuwoudtville to Peninsula (Namaqualand).
verrucosa (Vogel in Trew) Goldbl. - 80-200 mm, flowers pink; 8-10; clay soils, renosterveld, Little Karoo at Oudtshoorn to Long Kloof.
viridis (Aiton) Goldbl. - (groenagretjie); 100-350 mm, leaves sometimes crisped, flowers green; 7-9; stony clay slopes and flats, Clanwilliam to Darling (Namaqualand, S Namibia).

ANTHOLYZA 2 sp - S W Cape and Namaqualand

plicata L. - (incl. **A. namaquensis** (Klatt) Goldbl.) (rooibobbejaantjie); 400-700 mm, branched, flowers bright red; 7-10; sandy flats and dunes, west coast, Saldanha to Olifants River (to Orange River Mouth).

ringens L.f. - (hanekam, rotstert, rooibobbejaanuintjie); 150-400 mm, main spike axis sterile, flowers on a side branch, large, red; 8-10; sandy flats and lower slopes, Clanwilliam to Peninsula, Worcester to Bredasdorp.

ARISTEA 50 sp - sub-Saharan Africa and Madagascar

africana (L.) Hoffsgg. - (maagbossie); 100-300 mm, stems weakly angled, bracts brown with hyaline laciniate margins, flowers blue; mainly 10-2; sandy flats and mountain slopes, widespread, Nieuwoudtville to Riversdale.

anceps Ecklon ex Klatt. - 100-300 mm, stems flattened, bracts scarious to lacerated, flowers blue; 9-1; mainly coastal flats, Somerset West to Uitenhage (E Cape).

bakeri Klatt - to 1 m, stems subterete, bracts ovate, flowers blue; 11-4; Langeberg Mts. at Riversdale to Uitenhage.

biflora Weim. - 200-400 mm, stem flattened, bracts entire, greenish, flowers large, lilac to blue with dark green to black markings; 8-10; lower mountain slopes and flats, Tulbagh to Caledon, Bredasdorp, Swellendam.

coerulea (Thunb.) Vahl - 0,7-1,3 m, stem subterete, bracts becoming dry and lacerate,flowers blue; 9-11; mountain slopes and plateaus, Nieuwoudtville to Worcester, Piketberg.

cognata N.E. Br. - 100-150 mm, slender, stem winged, bracts scarious and lacerate, flowers blue; 11-1; coastal and montane forest margins, Knysna to Port Elizabeth (E Cape to Kenya, Cameroun).

confusa Goldbl. - (= **A. capitata** Ker Gawler) (blousuurkanol); to 1,5 m, stem nearly terete, bracts ovate, brown, scarious, flowers blue; 6-12; mountain slopes, Worcester, Tulbagh, Peninsula to Knysna.

cuspidata Schinz - 200-600 mm, stems subterete to angled, bracts ferrugineous, flowers blue; 10-12; Worcester, Peninsula to Knysna, Swartberg Mts.

dichotoma (Thunb.) Ker Gawler - 150-300 mm, stem subterete, bracts entire, acute to acuminate, flowers blue; 12-5; flats and lower slopes, Nieuwoudtville to Peninsula, Worcester, Caledon.

ecklonii Baker - 400-800 mm, stem winged, bracts scarious, flowers blue; 9-12; coastal and montane, Uitenhage to Port Elizabeth (E Cape to Uganda, Cameroun).

ensifolia Muir - 200-800 mm, stem flattened, bracts scarious, flowers blue; 9-11; coastal flats, Riversdale to Uitenhage.

glauca Klatt - 100-250 mm, stem winged, bracts lanceolate, entire, flowers blue; 7-12; coastal and lower slopes, Ceres to Peninsula, Caledon to Riversdale.

juncifolia Baker - 120-300 mm, stems subterete, bracts green, flowers blue; 11-12; coastal and lower mountain slopes, Peninsula to Caledon.

latifolia G. Lewis - to 900 mm, stem terete, bracts brown, lanceolate, flowers blue; 11-1; upper slopes in shady kloofs and gullies, Bains Kloof to Somerset West.

lugens (L.f.) Steudel - 300-400 mm, stem somewhat flattened, bracts entire, flowers blue, inner tepals small and violet; 9-10; flats, Malmesbury to Stellenbosch.

macrocarpa G. Lewis - to 1,5 m, stem subterete, bracts scarious and lanceolate, flowers blue; 11-12; mid to upper alt., Peninsula to Caledon.

major Andrews - (= **A. thyrsiflora** (Delaroche) N.E. Br.) (blousuurkanol); to 1,5 m, stems subterete, bracts dry, brown, flowers blue; 10-12; lower mountain slopes, Piketberg to Peninsula, Tulbagh to Caledon.

monticola Goldbl. - (= **A. coerulea** (Thunb.) Vahl); 0,7-1 m, stem terete to angled, bracts dry, becoming lacerate, flowers blue; 8-10; mid to upper alt., among rocks, Nieuwoudtville to Peninsula, Caledon.

oligocephala Baker - 150-250 mm, stems subterete, bracts with scarious white margins, flowers blue; 12-4; mountain slopes, Ceres, Stellenbosch to Bredasdorp.

pauciflora Wolley-Dod - 200-400 mm, stem elliptic, bracts entire, greenish, flowers blue; 10-12; flats to middle slopes, Peninsula to Caledon.

pusilla (Thunb.) Ker Gawler - 50-300 mm, stem angular, bracts greenish with dry scarious edges, flowers blue; 9-11; flats and lower slopes, Swellendam to Port Elizabeth (E Cape).

palustris Schltr. - to 1 m, stem subterete, bracts obovate, entire or laciniate, flowers blue; 11-1; coastal and lower slopes, wet sites, Bredasdorp.

racemosa Baker - 200-400 mm, stem and leaves nearly terete, bracts dry and lacerate, flowers blue; 10-1; mainly montane, sandy soils, Paarl, Caledon to George, Swartberg Mts.

recisa Weim. - 200-400 mm, slender, stems subterete, bracts deeply lacerate, white, flowers blue; 6; mid to upper slopes, Worcester.

rigidifolia G. Lewis - 500-800 mm, stem nearly terete, bracts greenish becoming lacerate, flowers blue; 11; sandy places, S Cape Peninsula.

schizolaena Harvey - 300-800 mm, stem elliptic, bracts scarious and lacerate, flowers blue; 12-6; mainly coastal or along streams, Plettenberg Bay (E Cape to Transvaal).

spiralis (L.f.) Ker Gawler - 200-500 mm, stem somewhat flattened, bracts scarious, flowers white to pale blue; 9-1; sandy flats and mountain slopes, Peninsula to Knysna.

simplex Weim. - 300-500 mm, stem terete to slightly angular, bracts scarious, flowers blue; 9-10; flats and slopes, Swellendam to George.

singularis Weim. - procumbent, branched, rooting at nodes, stem slightly flattened, bracts entire, flowers probably blue; 7-8; streamsides, Pakhuis Mts.

zeyheri Baker - 150-300 mm, stem terete, bracts greenish, entire, flowers blue; 11-12; mountain slopes, Peninsula, Stellenbosch, Caledon.

BABIANA 63 sp - southern Africa and Socotra

ambigua (Roemer & Schultes) G. Lewis - 40-80 mm, leaves longer than stem, flowers fragrant, zygomorphic, blue and white to yellow; 7-9; sandy flats and lower slopes, Gifberg to Peninsula, Worcester, Paarl, Caledon to Riversdale.

angustifolia Sweet - (= **B. pulchra** (Salisb.) G. Lewis); 100-200 mm, flowers dark blue to violet, lower tepals with black markings; 8-9; damp clay flats, Piketberg to Peninsula, Paarl, Stellenbosch.

auriculata G. Lewis - 40-100 mm, flowers zygomorphic, facing the stem, mauve and yellow; 9; wedged between rocks, Pakhuis Mts.

blanda (L. Bolus) G. Lewis - to 60 mm, flowers rosy-pink, actinomorphic; 8-9; sandy flats, Malmesbury to Paarl.

cedarbergensis G. Lewis - 40-60 mm, stem very short, leaves rigid and pungent, flowers zygomorphic, mauve with yellow markings; 9; Cedarberg Mts.

crispa G. Lewis - (krulbobbejaantjie); to 130 mm, stem underground, leaves crisped and undulate, flowers zygomorphic, mauve with yellow markings; 7; Clanwilliam, Pakhuis Mts. (W Karoo).

disticha Ker Gawler - (= **B. plicata** Ker Gawler) (bobbejaantjie); 70-200 mm, flowers zygomorphic, violet to pale blue, marked with yellow; 7-9; mountain slopes and flats, Ceres to Peninsula.

ecklonii Klatt - 80-200 mm, flowers blue to violet with yellow markings; 8-9; rock crevices, mountain slopes and flats, Gifberg to Elands Kloof, Piketberg.

foliosa G. Lewis - to 40 mm, flowers actinomorphic, mauve with cream markings; 7; local near Riviersonderend.

fourcadei G. Lewis - 70-150 mm, flowers zygomorphic, mauve with yellow and violet markings; 9-10; mountain slopes, Riversdale to George, Swartberg Mts. near Oudtshoorn.

geniculata G. Lewis - 20-60 mm, stem underground, flowers purple with white markings, tube long and slender; 8; sandy slopes and flats, east of Pakhuis Mts.

klawerensis G. Lewis - 65-96 mm, stems shorter than the leaves, flowers small, zygomorphic, blue to mauve; 6-7; sandy slopes, Gifberg.

leipoldtii G. Lewis - 60-150 mm, flowers actinomorphic, blue-violet; 8-9; damp sandy flats, Malmesbury to Bellville.

lineolata Klatt - 130-250 mm, flowers zygomorphic, pale blue to mauve, with yellow markings; 9; sandy flats, Citrusdal to Piketberg, Cold Bokkeveld.

montana G. Lewis - 60-70 mm, flowers zygomorphic, mauve with yellow and purple markings, stamens unequal, one longer; 6-8; Kleinriver Mts., Caledon.

mucronata (Jacq.) Ker Gawler - (kraai-uintjie); 50-150 mm, flowers zygomorphic, mauve, lower tepals yellow; 6-8; Gifberg, Cedarberg to Tulbagh, Piketberg.

nana (Andrews) Sprengel - (klipuintjie); 30-100 mm, leaves often very broad, flowers zygomorphic, blue with white markings; 8-9; coastal flats and dunes, Clanwilliam, Piketberg to Peninsula, Paarl to Mossel Bay.

obliqua E. Phillips - to 160 mm, flowers zygomorphic, lilac with yellow markings; 7; sandy soils, west coast, Lamberts Bay to Mamre, rare.

odorata L. Bolus - 50-120 mm, flowers zygomorphic, fragrant, yellow; 6-8; clay flats and lower slopes, Piketberg to Bellville, Tulbagh, Paarl.

patersoniae L. Bolus - 20-120 mm, flowers zygomorphic, purple to pale blue, with yellow markings; 8-10; Caledon to Port Elizabeth (E Cape).

patula N.E. Br. - 20-80 mm, leaves longer than stem, flowers mauve to blue, lower tepals yellow, fragrant; 8-9; flats and lower slopes, Worcester, Montagu, Caledon to Riversdale.

purpurea (Jacq.) Ker Gawler - 100-150 mm, flowers actinomorphic, fragrant, purple; 8-9; sandy flats and slopes, Robertson, Caledon, Bredasdorp.

pygmaea (Burm. f.) N.E. Br. - (geelbobbejaantjie); 20-60 mm, flowers large, actinomorphic, yellow with a dark centre; 8-9; sandy flats, Malmesbury, Darling, Hopefield.

rubrocyanea (Jacq.) Ker Gawler - (kelkiewyn, rooibloubobbejaantjie); 50-150 mm, flowers actinomorphic, bright blue with red centre; 8-9; Darling to Piketberg.

sambucina (Jacq.) Ker Gawler - 50-140 mm, stem very short, flowers zygomorphic, fragrant, blue to purple with white markings; 7-9; rocky slopes and flats, Nieuwoudtville, Ceres, Worcester to Port Elizabeth (Karoo, E Cape).

scabrifolia Brehm. ex Klatt - 30-90 mm, stems mostly underground, shorter than leaves, flowers blue to lilac with yellow and purple markings; 6-8; sandy soils, Clanwilliam.

scariosa G. Lewis - 100-250 mm, flowers zygomorphic, white with purple markings, bracts papery; 9-10; dry flats and slopes, Nieuwoudtville, Ladismith (W Karoo).

secunda (Thunb.) Ker Gawler - 150-350 mm, stems declinate, flowers zygomorphic, facing the stem, blue with yellow or white markings; 10-11; clay flats and lower slopes, Hopefield to Paarl, Tulbagh.

sinuata G. Lewis - 100-250 mm, leaves crisped, flowers zygomorphic, blue and yellow; 8-9; rocky shale flats, Gifberg, Clanwilliam (Namaqualand).

stricta (Aiton) Ker Gawler - (stompstertbobbejaantjie); 100-200 mm, flowers usually actinomorphic, purple to blue, white or yellow; 8-10; Piketberg to Peninsula, Ceres to Caledon.

truncata G. Lewis - to 40 mm, stem underground, leaves truncate, flowers zygomorphic, mauve marked with pale yellow; 7-8; heavy soils, Nieuwoudtville, Lokenburg (Namaqualand).

tubulosa (Burm. f.) Ker Gawler - 70-150 mm, flowers zygomorphic, white to cream or pinkish with red markings, very long-tubed; 9-10; flats and lower slopes, Piketberg, Saldanha to Peninsula, Caledon, Riversdale.

unguiculata G. Lewis - 100-200 mm, flowers zygomorphic, yellow; 8-9; lower mountain slopes, Clanwilliam.

vanzyliae L. Bolus - 40-120 mm, leaves longer than stem, flowers zygomorphic, yellow; 8-9; sandy and rocky soils, Nieuwoudtville plateau.

villosa (Aiton) Ker Gawler - (rooibobbejaantjie, katjetie); 120-200 mm, flowers actinomorphic, red to red-purple or pink; 9; clay flats and slopes, Tulbagh Valley, Malmesbury.

villosula (Gmelin) Ker Gawler ex Steudel - 10-50 mm, flowers actinomorphic, pale blue to mauve; 5-7; sandy flats and lower slopes, Malmesbury to Peninsula, Paarl, Somerset West.

BOBARTIA 14 sp - S W to E Cape

aphylla (L.f.) Ker Gawler - (biesroei); 300-600 mm, slender, leaves terete, flowers yellow; mainly 11-3; grassy mainly coastal slopes, Mossel Bay to Knysna.

fasciculata Gillett ex Strid - 0,8-1,5 m, leaves terete, flowers yellow; 8-11; lower to middle slopes, Twenty Four Rivers and Olifants River Mts.

filiformis (L.f.) Ker Gawler - (biesroei); slender, leaves terete, 150-550 mm, flowers yellow; 9-12; sandy lower to middle slopes, Peninsula to Riviersonderend and Elim.

gladiata (L.f.) Ker Gawler - (biesiesroei, blombiesie); 200-800 mm, leaves linear-ensiform, flowers yellow; 8-12; mountain slopes and coastal flats, Bains Kloof to Peninsula, Hermanus.

indica L. - (besembiesie, biesiesriet); 250-700 mm, leaves terete, long and trailing, flowers yellow; mainly 10-3; sandy flats and slopes, Peninsula to Caledon, Worcester.

lilacina G. Lewis - 300-700 mm, stem branched, leaves ensiform, flowers lilac; 1-3; mid to upper slopes, Bains Kloof to Franschhoek Mts.

longicyma Gillett - robust, to 1,8 m, leaves terete, flowers yellow; 8-11(-1); sandy flats and lower slopes, Kuils River, Caledon, Potberg.

macrocarpa Strid - to 1 m, robust, leaves terete, flowers yellow; 8-2; grassy slopes, Humansdorp to Port Elizabeth (E Cape).

macrospatha Baker - (bergbiesie); 0,5-1,1 m, leaves terete, flowers yellow; mainly 8-11; lower to middle slopes, Swellendam to Humansdorp.

orientalis Gillett - (biesie); 0,4-1,3 m, leaves terete, flowers yellow; mainly 8-11; sandy soils, Piketberg to Port Elizabeth (Transkei).

paniculata G. Lewis - (blombiesie); 0,3-1 m, stem branched, leaves ensiform, flowers yellow; 1-2; mid to upper slopes in dry fynbos, Kammanassie Mts.

parva Gillett - 150-400 mm, leaves terete, flowers yellow; 11-2; moist mountain slopes, Langeberg Mts., Swellendam to Lemoenshoek.

robusta Baker - (biesieblom); 0,7-2,1 m, leaves terete, flowers yellow; mainly 8-10; coastal and lower mountain slopes, Riversdale to George.

rufa Strid - 500-900 mm, leaves terete, flowers yellow; 9-11; mountain fynbos, lower to middle slopes, Cedarberg to Hex River Mts.

CHASMANTHE 3 sp - S W to E Cape

aethiopica (L.) N.E. Br. - (incl. **C. peglerae** N.E. Br.) (suurkanolpypie); 400-650 mm, flowers orange; 4-7; hills and flats, mainly coastal, Peninsula to Port Elizabeth (Kei Mouth).
bicolor (Gasp.) N.E. Br. - 700-900 mm, flowers red with green markings; 7-8; Franschhoek.
floribunda (Salisb.) N.E. Br. - (suurkanolpypie); 450-900 mm, flowers orange or yellow; 7-9; coastal and montane, Nieuwoudtville to Knysna.

DIERAMA ca 20 sp - Ethiopia to S Cape

pendulum (L.f.) Baker - (grasklokkie, harebell); 0,7-1,1 m, stem slender and wiry, spike pendulous, flowers pink; 10-12; coastal mountains and flats, Knysna to Uitenhage (E Cape).

DIETES 6 sp - S Cape to E Africa, Lord Howe Is. (1 sp)

flavida Oberm. - 500-700 mm, evergreen, flowers pale yellow; irregular during warm months; light forest, Baviaans Kloof Mts. (N Natal to Swaziland).
iridioides (L.) Sweet ex Klatt - 300-600 mm, evergreen, flowers white with bluish style arms; mainly 8-12; evergreen forest and margins, Riviersonderend to Port Elizabeth (to E tropical Africa).

FERRARIA 10 sp - Cape, Namibia and south tropical Africa (Zaire)

crispa Burm. - (spinnekopblom, uiltjie); 200-800 mm, leafy and much-branched, flowers brown and speckled; 7-10; mainly coastal, on sandy soils, Lamberts Bay to Peninsula and into Little Karoo.
densepunctulata De Vos - 120-350 mm, slender, flowers greenish to grey; 5-7; coastal sands, west coast, Elands Bay to Langebaan.
divaricata Sweet - (spinnekopblom, krulletjie); to 500 mm, leafy often much-branched, flowers yellowish with dark spots and margins; 7-11; sandy flats and rocks, Clanwilliam to Peninsula, Worcester to Oudtshoorn (Namaqualand, S Namibia).
ferrariola (Jacq.) Willd. - (gifuintjie, uiltjie); 150-600 mm, slender, flowers greenish, blue or yellow; 6-8; Pakhuis Pass to Nieuwoudtville (N Namaqualand).
foliosa G. Lewis - 300-900 mm, very leafy, flowers maroon to purple; 8-10; deep sand, west coast, Elands Bay (S Namaqualand).
uncinata Sweet - 100-400 mm, flowers yellow, blue or purple; 8-10; Malmesbury, Clanwilliam to Klawer (S Namaqualand).

FREESIA 11 sp - S Cape and Karoo

alba (G.L. Meyer) Gumbleton - (ruikpypie, freesia); 120-400 mm, flowers white; 7-10; sandy or stony soils, mainly coastal, Hermanus to Plettenberg Bay.
caryophyllacea (Burm. f.) N.E. Br. - (klein aandblom); to 100 mm, prostrate leaves, flowers white with yellow markings; 4-6; clay soils, Caledon, Worcester, Swellendam, Bredasdorp.
corymbosa (Burm. f.) N.E. Br. - (flissie, kammetjie, aandblommetjie); 250-500 mm, flowers yellow; (5-)8-11; Uniondale to Port Elizabeth (E Cape and Transkei).
elimensis L. Bolus - 60-150 mm, flowers white with yellow markings; 5-6; limestone ridges, Bredasdorp.

fergusoniae L. Bolus - (Riversdale freesia); 100-200 mm, flowers yellow, leaves prostrate; 7-8; clay flats, Heidelberg to Mossel Bay.
leichtlinii Klatt - (duine-aandblom, geelpypie); 80-200 mm, flowers cream and yellow; deep sands, coastal, Cape Agulhas to Mossel Bay.
occidentalis L. Bolus - 90-500 mm, flowers creamy white and yellow; 7-9; stony soils, Touws River, Swartruggens to eastern Cedarberg (W Karoo).
refracta (Jacq.) Klatt - (freesia, flissie, kammetjie); 180-450 mm, flowers white, greenish or purple with orange markings; 7-9; dry stony places, Worcester, Little Karoo, S Cape.
sparrmannii (Thunb.) N.E. Br. - 120-180 mm, flowers white, flushed purple on the reverse; 9; forest margins, Langeberg foothills, Swellendam to Heidelberg.
speciosa L. Bolus - 80-200 mm, flowers large, white and deep yellow; 8-9; Little Karoo, Montagu to Calitzdorp.

GALAXIA 14 sp - S W Cape and Namaqualand

alata Goldbl. - 20-40 mm, leaves terete, flowers yellow or white, the stigmas fringed; 6-8; Peninsula, Cape Flats and Malmesbury.
albiflora G. Lewis - 20-30 mm, leaves linear-lanceolate, flowers white with yellow centre, stigmas lobed; 5-8; flats mainly coastal, Saldanha to Bredasdorp.
barnardii Goldbl. - 30-40 mm, leaves lanceolate, margins undulate, flowers pink to purple, dark centre, stigmas lobed; 8-9; clay flats and slopes, Caledon.
citrina G. Lewis - 20-30 mm, leaves linear, flowers yellow, the stigmas lobed; 7-10; sandy or stony soils, Nieuwoudtville to Ceres at Gydo Pass.
fugacissima (L.f) Druce - (oorlosieblom); 20-40 mm, leaves linear to terete, flowers yellow, the stigmas fringed; 7-9; wet flats, Citrusdal to Peninsula, Caledon to Humansdorp (local in Namaqualand).
luteoalba Goldbl. - 20-30 mm, leaves ovate and prostrate, flowers yellow fading to white at the tips, the stigmas fringed; 7-9; rock outcrops, Cedarberg.
ovata Thunb. - (oorlosieblom); 15-30 mm, leaves ovate, prostrate, flowers yellow, stigmas fringed; 7-9; sandy flats and plateaus, Cedarberg to Bredasdorp.
parva Goldbl. - 15-30 mm, leaves lanceolate, margins undulate, flowers tiny, white marked greenish, the stigmas lobed; 7-8; clay flats, Bredasdorp, rare.
stagnalis Goldbl. - 25-30 mm, leaves linear to lanceolate, flowers yellow, stigmas fringed; 6-8; wet sites, Nieuwoudtville to Pakhuis Pass (Namaqualand).
variabilis G. Lewis - 15-35 mm, leaves linear, flowers purple with a yellow centre, the stigmas lobed; 9-10; clay flats, Ceres and Cold Bokkeveld.
versicolor Salisb. ex Klatt - 15-35 mm, leaves linear to ensiform, prostrate, margins undulate, flowers pink to purple, often with a yellow centre, stigmas lobed; 7-9; clay flats and slopes, Tulbagh to Peninsula, Caledon.

GEISSORHIZA 80 sp - mainly S W Cape, also Namaqualand and Karoo

(incl. **Engysiphon**)

alticola Goldbl. - 200-300 mm, leaves linear, flowers blue-violet; 12-2; higher peaks, Bains Kloof to Wemmershoek.
arenicola Goldbl. - 120-200 mm, leaves linear, flowers white or blue; 9; sandy mountain soils, Nieuwoudtville to Gifberg.
aspera Goldbl. - (= G. **secunda** Ker Gawler) (sysie, syblom); 80-350 mm, leaves ensiform, flowers blue-violet; 8-9; sandy flats and slopes, Gifberg to Bredasdorp.
barkerae Goldbl. - 100-200 mm, leaves ribbed, flowers yellow with a purple centre, zygomorphic; 9-10; wet marshy sites, Piketberg to Citrusdal.
bolusii Baker - 30-110 mm, leaves lanceolate often prostrate, flowers white; 10-1; damp shady montane sites, Cedarberg to Peninsula, Paarl, Worcester.

bonae-spei Goldbl. - (= **E. pictus** (Foster) Lewis nom. illeg.); 120-200 mm, leaves terete, flowers pink, zygomorphic; 9-11; southern Cape Peninsula.
bracteata Klatt - 60-180 mm, leaves ensiform, flowers white; 9-10; Albertinia to Port Elizabeth (E Cape and E Karoo).
brehmii Ecklon ex Klatt - 200-300 mm, leaves terete, flowers white to cream; 8-10; seasonal pools, Malmesbury to Peninsula, Caledon, Bredasdorp.
brevituba (G. Lewis) Goldbl. - 120-200 mm, leaves narrowly ensiform, flowers deep pink, zygomorphic; 9; Piketberg Mts.
bryicola Goldbl. - 150-300 mm, leaves trailing, flowers white, stamens unequal; 9-11; wet rocks, waterfalls and stream edges, Hermanus Mts.
burchellii Foster - 120-200 mm, leaves linear, flowers dark purple, stamens unequal; 12-1; middle elevations, Bains Kloof Mts. to the Langeberg at Heidelberg.
cataractarum Goldbl. - 100-300 mm, leaves trailing, flowers pale bluish; 11-1; waterfalls and damp cliffs, Bettys Bay to Hermanus.
cedarmontana Goldbl. - 70-350 mm, leaves linear, flowers pink, stamens and style included in tube; 10-11; steep south slopes and rocks, Cedarberg .
ciliatula Goldbl. - 60-120 mm, leaves linear, flowers white fading blue; 11; moist sites at middle elevations, Cedarberg.
confusa Goldbl. - (= **E. exscapus** sensu Lewis); 120-300 mm, leaves linear to ensiform, flowers cream, fading pink, zygomorphic; 10-1; stony mountain soils, Gifberg to Franschhoek Mts.
darlingensis Goldbl. - 70-150 mm, leaves linear, sticky, flowers yellow with a dark centre; 9-10; damp flats near Darling, rare.
delicatula Goldbl. - 30-120 mm, leaves linear to ensiform, flowers lilac-purple; 8-12; mountains of the interior southern Cape.
divaricata Goldbl. - 200-450 mm, leaves ensiform, ciliate, flowers white to pale mauve; 9; rocky mountain soils, Nieuwoudtville to Gifberg.
elsiae Goldbl. - 140-250 mm, leaves ensiform to linear, flowers red-purple; 10-11; south slopes, Kammanassie Mts.
erubescens Goldbl. - 80-150 mm, leaves linear-ensiform, flowers white, bright red on the reverse; 9; shale slopes, Pakhuis Pass.
esterhuyseniae Goldbl. - 70-80 mm, leaves ensiform, flowers white, stamens and style included in tube; 10; rocky upper south slopes, Great Winterhoek Mts.
exscapa (Thunb.) Goldbl. - (= **E. longitubus** Lewis) (langpypie); 180-300 mm, leaves terete, flowers cream, fading pink, very long-tubed, zygomorphic; 9-10; sandy flats and plateaus, Blouberg to Nieuwoudtville (S Namaqualand).
foliosa Klatt - 80-200 mm, leaves short, lanceolate, flowers lilac to purple; 9-11; slopes and flats, Swellendam to Riversdale.
fourcadei L. Bolus - to 300 mm, leaves terete, flowers single on branches, large, pink to mauve; 1-5; Swartberg and southern Cape mts., Mossel Bay to Humansdorp.
furva Ker Gawler ex Baker - 70-80 mm, leaves terete, flowers golden-yellow; 9-10; stony lowlands, Paarl to Gouda.
geminata E. Meyer ex Baker - 120-300 mm, leaves linear, flowers white to cream; 9-11; marshy places, Worcester to Cold Bokkeveld.
grandiflora Goldbl. - 160-350 mm, leaves linear, flowers pink, zygomorphic, stamens unequal; 11-1; rocky mountain sites, Gt. Winterhoek to Du Toits Kloof, Riviersonderend and Langeberg Mts.
hesperanthoides Schltr. - 150-300 mm, leaves linear, flowers blue to violet; 11-1; damp and marshy mountain slopes, Bains Kloof to Bredasdorp.
heterostyla L. Bolus - 120-450 mm, leaves linear to ensiform, flowers blue to purple, stamens unequal; 8-10; widespread, Nieuwoudtville, Ceres to Caledon to Port Elizabeth (S Namaqualand and Karoo).
hispidula (Foster) Goldbl. - 70-250 mm, leaves linear, sticky, flowers cream or white; 8-9; sandy flats and slopes, Peninsula to Albertinia.

humilis (Thunb.) Ker Gawler - 80-140 mm, leaves linear, sticky, flowers bright yellow; 8-10; sandy flats, Peninsula to Paarl.

imbricata (Delaroche) Ker Gawler - 80-250 mm, leaves ribbed, flowers white to yellow; 8-11; wet sandy flats, Piketberg to Peninsula, Paarl to Bredasdorp.

inaequalis L. Bolus - 80-125 mm, leaves linear to ensiform, flowers white to blue, stamens unequal; 8-10; sandy soils, Bains Kloof to Nieuwoudtville.

inconspicua Baker - 100-300 mm, leaves ensiform to linear, flowers white or purple; 10-2; mountains and flats, Swellendam to Uitenhage.

inflexa (Delaroche) Ker Gawler - (syblom, witsyblom); 120-350 mm, leaves ensiform, ciliate, flowers white, red or purple; 8-9; clay flats and slopes, Piketberg to Peninsula, Paarl to Bredasdorp.

intermedia Goldbl. - 50-120 mm, leaves ensiform, flowers white; 9-10; montane, Stellenbosch to Porterville, rare.

juncea (Link) A. Dietr. - 200-400 mm, leaves terete, flowers white to cream; 8-11; sandy flats and slopes, Caledon to the Cedarberg.

leipoldtii Foster - 120-300 mm, leaves ensiform, ciliate, flowers white to pale blue, stamens often unequal; 8-9; shale soils, Clanwilliam to Bidouw Valley.

lithicola Goldbl. - 150-300 mm, leaves linear, flowers violet to purple; 10; lower rocky slopes, Kogelberg Mts.

longifolia (G. Lewis) Goldbl. - 120-200 mm, leaves linear, flowers white, fading pink; 9-10; stony, often shale soils, Gifberg to Ceres, Piketberg.

louisabolusiae Foster - 150-200 mm, leaves linear to terete, flowers yellow, stamens usually unequal; 8-9; wet flats, Olifants River Valley.

malmesburiensis Foster - 50-80 mm, leaves linear-filiform, flowers yellow; 9-10; sandy slopes, Malmesbury, rare.

mathewsii L. Bolus - (wine cup, kelkiewyn); 80-180 mm, leaves ribbed, flowers violet with red centre, stigmas broad and villous; 8-9; Darling district, rare.

minuta Goldbl. - 30-120 mm, leaves linear, flowers small, white; 9-10; wet sites in the Pakhuis Mts., rare.

monantha Sweet - (= **G. eurystigma** L. Bolus) (kelkiewyn, wine cup); 80-200 mm, leaves ribbed, flowers deep blue with a red centre, stigmas broad and villous; 9-10; clay flats and slopes, Darling, Malmesbury, rare.

monanthos Ecklon - 60-200 mm, leaves ensiform, flowers blue, often marked with red, stamens often unequal; 8-10; often on granite outcrops, Saldanha Bay to Somerset West.

nana Klatt - 25-70 mm, leaves linear-ensiform, tiny white flowers; 9-10; clay slopes and flats, Caledon to Riversdale.

nigromontana Goldbl. - 100-160 mm, leaves lanceolate, flowers blue; 1-2; along streams, Swartberg.

nubigena Goldbl. - 150-300 mm, leaves linear, flowers rose-pink, long-tubed; 12-1; high mountains, Gt. Winterhoek at Tulbagh to Kogelberg.

ornithogaloides Klatt - 40-100 mm, leaves linear, flowers bright yellow; 8-10; widespread, Cedarberg to Paarl, Caledon to the Long Kloof.

outeniquensis Goldbl. - 200-500 mm, leaves trailing, flowers pink to purple; 10-2; wet shady sites, Outeniqua Mts. near George.

ovalifolia Foster - 30-90 mm, leaves lanceolate-oblong, often prostrate, flowers white; 9-11; damp places, Franschhoek Mts. to Cold Bokkeveld.

ovata (Burm. f.) Asch. & Graeb. - 60-150 mm, leaves oval, flowers long-tubed, white, pink on the reverse; 8-10; sandy soils, mainly montane, Olifants River Mts. to Peninsula and east to Riversdale.

pappei Baker - 50-100 mm, leaves linear, flowers white to cream; 9-10; sandy mountain soils, Ceres to Caledon, rare.

parva Baker - 40-120 mm, leaves ensiform to oblong, flowers cream to yellow; 8-11; mountains and flats, Cedarberg to Caledon, Worcester, Swellendam.

pseudinaequalis Goldbl. - 90-300 mm, leaves linear, flowers blue to violet, stamens unequal; 10-1; mountain slopes and cliffs, Bains Kloof to Simonsberg.

purpurascens Goldbl. - 180-300 mm, leaves linear, flowers mauve; 9-10; sandy flats, Piketberg to Stellenbosch.

purpureolutea Baker - 40-150 mm, leaves linear, flowers yellowish, often dark in the centre; 8-9; wet flats, Piketberg, Malmesbury, Paarl.

pusilla (Andrews) Klatt - 70-300 mm, leaves lanceolate, flowers blue to mauve; 8-10; damp shady places, Cape Peninsula and surrounding hills.

radians (Thunb.) Goldbl. - (kelkiewyn, wine cup, blousyblom); 80-160 mm, leaves linear, flowers zygomorphic, blue, red and white; 9-10; damp sandy sites, Malmesbury to Gordons Bay.

ramosa Ker Gawler ex Klatt - 200-450 mm, leaves linear, flowers small, blue to purple, stamens unequal; 10-1; mountain slopes, Tulbagh to Hermanus, Worcester to Swellendam.

roseoalba (G. Lewis) Goldbl. - 150-200 mm, leaves ensiform to linear, flowers white, pink on the reverse, zygomorphic; 8-9; Little Karoo, Long Kloof to Uitenhage.

schinzii (Baker) Goldbl. - 100-200 mm, leaves linear, flowers pink, zygomorphic; 8-10; mountains slopes, Caledon.

scillaris A. Dietr. - 120-350 mm, leaves linear, flowers white to pale blue; 8-11; sandy mountain slopes and flats, Cedarberg to Caledon.

scopulosa Goldbl. - 60-200 mm, leaves linear, flowers blue-violet, stamens unequal; 11; high altitudes, Hex River Mts.

setacea (Thunb.) Ker Gawler - 40-80 mm, leaves linear-ensiform, flowers white or pale yellow; 6-9; wet sandy flats, Peninsula and Cape Flats to Gouda.

similis Goldbl. - 120-350 mm, leaves linear, flowers white; 8-10; sandy slopes and flats, Peninsula to Bains Kloof.

splendidissima Diels - 80-200 mm, leaves linear, flowers glossy violet; 8-9; flats near Nieuwoudtville.

subrigida L. Bolus - 120-300 mm, leaves ensiform, ciliate, flowers blue-violet; 8-9; sandy sites, Nieuwoudtville.

sulphurascens Foster - 120-200 mm, leaves linear, flowers cream; 8-9; wet sandy soils, Nieuwoudtville.

tabularis Goldbl. - 250-350 mm, leaves ensiform, flowers purple to white, stamens unequal; 10-12; marshy places, Table Mt., Cape Peninsula.

tenella Goldbl. - (= E. roseus (Schinz) Lewis); 100-300 mm, leaves terete, sticky, flowers white to pink, zygomorphic; 10-12; sandy flats and dunes, Darling to Bredasdorp.

tulbaghensis L. Bolus - 60-150 mm, leaves linear, flowers white with dark centre, zygomorphic; 8-9; clay flats, Tulbagh and Porterville.

umbrosa G. Lewis - 120-300 mm, leaves linear, flowers white to cream; 10-12; mountains, Peninsula and Hottentots Holland to Cedarberg.

unifolia Goldbl. - 50-100 mm, leaves linear, flowers white, small; 10; high elevations, Cedarberg, rare.

GLADIOLUS ca 150 sp - Africa, Eurasia

acuminatus Bolus f. - 250-600 mm, leaves several, linear, flowers fragrant, greenish-yellow; 8-9; stony soils, Caledon to Bredasdorp.

alatus L. - (kalkoentjie, kipkippie); 80-200 mm, leaves 4-5, ribbed, flowers orange to pink, marked yellow to greenish; 8-10; flats, slopes and plateaus, mainly in sand, Nieuwoudtville to Peninsula, Worcester to Bredasdorp, Port Elizabeth.

angustus L. - (long-tubed painted lady, katjietee); 250-500 mm, leaves 3-5, ensiform, flowers long-tubed, white to yellow with red markings; 10-1; streams and marshes, Nieuwoudtville to Worcester, Peninsula to Bredasdorp.

bilineatus G. Lewis - to 400 mm, leaves 1-3, hysteranthous, linear, flowers long-tubed, white to pink; 3-4; lower slopes, Langeberg, Swellendam to Riversdale.

blommesteinii L. Bolus - 300-700 mm, leaves 3-4, linear, margins prominent, flowers blue, mauve or pink; 8-10; sandy flats and slopes, Ceres, Worcester, Paarl to Bredasdorp.

brevifolius Jacq. - (rooipypie, painted lady); 150-500 mm, leaves 2-3, hysteranthous, linear, pilose, flowers pink, occ. brownish or grey, with yellow markings; 3-5; Clanwilliam to Peninsula, Caledon, Bredasdorp.

brevitubus G. Lewis - 120-350 mm, leaves 3-4, linear, flowers salmon; 9-11; mountain slopes, Hottentots Holland, Caledon, Riviersonderend Mts.

buckerveldii (L. Bolus) Goldbl. - to 600 mm, leaves several, ensiform, stem inclined, flowers whitish; 12-1; streambanks and waterfalls, Cedarberg Mts.

bullatus Thunb. ex G. Lewis - (Caledon bluebell); to 700 mm, leaves 3-4, linear, flowers bell-like, blue marked with yellow; 8-10; sandy slopes, Caledon, Bredasdorp.

cardinalis Curtis - (New Year lily, nuwejaarsblom); 0,6-1,15 m, leaves several, ensiform, stem inclined, flowers red and white; 12-1; waterfalls and wet cliffs, Bains Kloof, Paarl, Worcester.

carinatus Aiton - (blou-afrikaner, blue afrikaner); 0,3-1 m, leaves 3, linear, midrib prominent, flowers fragrant, blue to violet, occ. yellow, pink or red; 8-9; sandy flats and slopes, widespread, Nieuwoudtville to Mossel Bay.

carmineus C.H. Wright - (cliff gladiolus); to 350 mm, leaves 1-3, hysteranthous, ensiform, flowers deep pink; 2-4; cliffs and lower coastal slopes, Cape Hangklip to Cape Infanta.

carneus Delaroche - (painted lady, bergpypie, pink afrikaner); 0,25-1 m, leaves 2-5, ensiform, flowers pink, rarely white, with dark pink markings; 10-11; sandy mountain slopes, often wet sites, Ceres to Peninsula, Caledon to Riversdale.

caryophyllaceus (Burm. f.) Poiret - (sandveldlelie, pink afrikaner); 180-750 mm, leaves 4-6, ensiform, pubescent, flowers fragrant, pink to mauve; 8-10; sandy flats and plateaus, Nieuwoudtville, Clanwilliam to Malmesbury.

ceresianus L. Bolus - to 300 mm, leaves 3, linear to subterete, flowers scented, dull purple to brownish with dark veins; 8-10; Cold Bokkeveld to Witteberg (W Karoo).

citrinus Klatt - 80-200 mm, leaves 2-3, subterete, flowers actinomorphic, bright yellow with purple centre; 8-10; marshy sand flats, Paarl, Stellenbosch.

comptonii G. Lewis - 450-600 mm, leaves 4, linear, flowers yellow with purple streaks; 6; rocky slopes, Clanwilliam.

cylindraceus G. Lewis - 300-700 mm, leaves 3-4, subterete, margins thickened, flowers pale pink; 12-1; mid to upper slopes, Cold Bokkeveld, Tulbagh Mts.

debilis Ker Gawler - (painted lady); 350-600 mm, leaves 1-3, linear with raised margins, flowers white with pink markings; 9-10; sandy slopes and flats, Bains Kloof to Peninsula, Caledon to Bredasdorp.

delpierrei Goldbl. - 400-450 mm, leaf solitary, linear with prominent margins, flowers cream, marked yellow and red; 1; marshy upper slopes, Cedarberg.

emiliae L. Bolus - 200-600 mm, leaves 2-3, hysteranthous, linear, flowers long-tubed, fragrant, yellowish with purplish speckles; 2-4; rocky lower slopes, Riviersonderend and Langeberg Mts.

engysiphon G. Lewis - 500-600 mm, leaves 1-3, hysteranthous, subterete, flowers long-tubed, white with red markings; 2-3; Langeberg foothills, Riversdale.

exilis G. Lewis - 300-700 mm, leaves 3, linear to terete, flowers blue marked with yellow; 4-5; mid to upper slopes, Ceres to Paarl.

floribundus Jacq. - 200-500 mm, leaves several, ensiform, flowers white to pink with dark markings; 9-11; dry clay or sandy flats and slopes, Clanwilliam to Worcester, Witteberg, Peninsula to Port Elizabeth (E Cape).

gracilis Jacq. - (sandpypie, bloupypie); to 600 mm, leaves 3-4, linear, margins raised, flowers blue, occ. pink; 5-9; sandy slopes and flats, Saldanha, Peninsula to Riversdale.

gueinzii Kuntze - 250-700 mm, leaves several, ensiform, flowers nearly actinomorphic, pinkish with purple markings; 10-12; coastal sand dunes, George to Port Elizabeth (to S Natal).

guthriei Bolus f. - 450-700 mm, leaves 1-3, hysteranthous, pilose and lanceolate, flowers fragrant, pink to red; 5-7; sandy slopes, Bredasdorp coast.

hyalinus Jacq. - (small brown afrikaner, klippypie); 250-450 mm, leaves 2-3, linear to terete, margins enlarged, flowers often fragrant, brown and cream; 6-9; flats and slopes, Nieuwoudtville to Peninsula, Caledon (Namaqualand).

inflatus Thunb. - (bluebell, blouklokkie, Tulbagh bell); 250-600 mm, leaves 3, subterete, flowers inflated, blue to mauve or pink with yellow markings; 8-11; Clanwilliam to Tulbagh, Caledon, Montagu to Willowmore.

involutus Delaroche - 300-600 mm, leaves several, linear-lanceolate, flowers pink with yellow-green markings; 9-10; clay flats and lower slopes, Swellendam to Port Elizabeth.

jonquiliodorus Ecklon ex Bolus & Wolley-Dod - (geelruikpypie); to 650 mm, leaves 4-5, hysteranthous, terete, flowers fragrant, cream to pale yellow; 12-2; sandy flats, Peninsula and Cape Flats.

leptosiphon Bolus f. - 300-700 mm, leaves several, linear, margins prominent, flowers long-tubed, cream with purple markings; 9-11; lower slopes, Swartberg Mts., Ladismith to Uniondale.

lewisiae Oberm. - to 550 mm, leaves 3-4, narrow, lightly pubescent, margins raised, flowers scented, cream marked with red; 9-10; sand flats, Ladismith (extinct?).

liliaceus Houtt. - (brown afrikaner, aandpypie); 300-800 mm, leaves 2-4, linear, margins heavily thickened, flowers brown to yellow, fragrant; 8-11; clay flats, Clanwilliam to Port Elizabeth.

maculatus Sweet - (bruinafrikaner, aandblom); 300-600 mm, leaves 3-4, hysteranthous, linear to terete, flowers fragrant, brownish, purple or reddish, speckled; 3-7; Ceres to Peninsula, Caledon to Port Elizabeth (E Cape).

martleyi L. Bolus - to 350 mm, leaves 3-4, hysteranthous, subterete, margins and midrib raised, flowers white to pink; 4-5; sandy flats, Stellenbosch, Caledon to Riversdale.

monticola G. Lewis - (autumn painted lady, bergpypie); 180-500 mm, leaves 2-3, linear with thickened margins, hysteranthous, flowers long-tubed, pink with yellow markings; 12-3; rocky slopes, Cape Peninsula.

mostertiae L. Bolus - 150-250 mm, leaves several, pubescent, lanceolate, flowers pale pink with yellow markings; 11-12; sandy soils, Nieuwoudtville.

mutabilis G. Lewis - (brownies); to 600 mm, leaves 4, linear, flowers purple to pink or brown, marked yellow; 7-8; lower slopes, Riversdale to Port Elizabeth (E Cape).

nerineoides G. Lewis - 350-400 mm, leaves 3, hysteranthous, linear, pilose, flowers long-tubed, red or pink; 1-3; mid to upper slopes, Stellenbosch to Kogelberg.

nigromontanus Goldbl. ined. - to 400 mm, leaves 2-3, filiform, dry at anthesis, flowers white, marked with red; 3; wet slopes, Swartberg Mts., rare .

odoratus L. Bolus - (aandblom); 300-700 mm, leaves few, hysteranthous, ensiform, flowers fragrant, red to purple with yellow markings; 4-6; mountain slopes and plateaus, Nieuwoudtville to Worcester, Piketberg, Montagu.

orchidiflorus Andrews - (groenkalkoentjie); to 600 mm, leaves several, ensiform, flowers fragrant, greenish to beige with purple markings; 8-10; dry clay, Clanwilliam to Paarl, Saldanha, Little Karoo (Karoo, Namaqualand).

oreocharis Schltr. - 300-600 mm, leaves 3, linear to subterete, margins and veins raised, flowers white to pink or mauve with yellow markings; 12-1; wet sites at high alt., Cedarberg, Cold Bokkeveld, Hex River Mts.

ornatus Klatt - (pink bell, bergpypie); to 600 mm, leaves 3, linear to subterete, flowers pink, inflated; 8-11; wet flats and slopes, Piketberg to Peninsula, Caledon.

permeabilis Delaroche - (aandblommetjie); 300-500 mm, leaves few, linear with prominent margins and midrib, flowers often fragrant, cream to pink with yellow markings; 8-10; George to Port Elizabeth (throughout southern Africa).

pillansii G. Lewis - 250-600 mm, leaves 2-3, hysteranthous, terete, flowers small, fragrant, blue-grey to pink; 3-5; sandy flats, Gifberg to Peninsula, Caledon.

pritzellii Diels - 300-500 mm, leaves 3, linear, pilose, flowers inflated, yellow; 8-10; mountain slopes, Nieuwoudtville to Cold Bokkeveld (W Karoo).

punctulatus Schrank - (lapmuis, pypie, blouklokkie); 300-600 mm, leaves 3, pilose, linear, flowers pink; 6-10, (3-4 for var. **autumnalis** G. Lewis); sandy mountain slopes and flats, Piketberg to George.

quadrangulus Delaroche - to 300 mm, leaves 3, linear with prominent veins, flowers actinomorphic, lilac to pink; 8-10; wet sand, Malmesbury to Cape Flats.

recurvus L. - (sandlelie); 300-500 mm, leaves 3-4, linear, subterete, flowers grey, mauve or cream with purple markings; 6-10; sandy flats and lower slopes, Ceres to Stellenbosch, Caledon.

robustus Goldbl. ined. - to 1,5 m, leaves several, ensiform, flowers pink with darker markings; 11-1; moist sites, Baviaans Kloof Mts., rare.

rogersii Baker - (Riversdale bluebell, blouklokkie); 300-600 mm, leaves 3-4, linear, flowers blue to purple or pink with yellow markings; mainly 7-11; flats and slopes, Bredasdorp to Humansdorp, Little Karoo.

scullyi Baker - 150-600 mm, leaves 4-several, linear-lanceolate, flowers fragrant, yellowish flushed with purple, occ. pink or red; 7-10; arid slopes and flats, Nieuwoudtville to Worcester, Witteberg to Swellendam (Namaqualand, Karoo).

sempervirens G. Lewis - (kliplelie, bergpypie); evergreen, 400-500 mm, leaves several, ensiform, flowers red and white; 2-4; forest margins and rocky sites, Outeniqua Mts., George to Uniondale.

stefaniae Oberm. - to 400 mm, leaves 1-3, linear, margins thickened, flowers red with white markings; 4; mountain slopes, Montagu.

stellatus G. Lewis - 250-750 mm, leaves several, linear, margins thickened, flowers whitish, fragrant, actinomorphic; 9-11; clay flats and lower slopes, Swellendam to Port Elizabeth.

stokoei G. Lewis - 300-450 mm, leaves 2-3, linear, hysteranthous, margins thickened, flowers scarlet; 3-4; upper slopes, Riviersonderend Mts., Piketberg.

subcaeruleus G. Lewis - to 300 mm, leaves 3, hysteranthous, terete, flowers blue to mauve, marked yellow; 4-5; clay flats and lower slopes, Caledon, Bredasdorp.

tenellus Jacq. - (geelkalkoentjie); 150-400 mm, leaves 3, terete and four-grooved, flowers fragrant, cream to yellow; 7-10; wet sand flats, Ceres, Tulbagh, Malmesbury to Bredasdorp, Caledon.

tristis L. - (marsh afrikaner, vlei-aandblom, trompetters); 0,4-1,5 m, leaves 2-4, linear, margins heavily thickened, flowers fragrant in evening, yellowish; 9-12; marshy sites, Clanwilliam to Humansdorp.

undulatus L. - (rooibontpypie, painted lady); 350-900 mm, leaves several, ensiform, flowers long-tubed, greenish, white or pink with dark pink markings; 10-1; damp mountain slopes, Nieuwoudtville to Caledon.

uysiae L. Bolus ex G. Lewis - 70-200 mm, leaves 3, linear and ribbed, flowers fragrant, cream to grey with conspicuous veins and green markings; 8-9; clay flats, Nieuwoudtville escarpment to Ceres (W Karoo).

vaginatus Bolus f. - 200-700 mm, leaves 2-3, hysteranthous, terete, flowers fragrant, blue to grey, lower lobes striped; 2-4; coastal lower slopes and flats, Caledon to Knysna.

vigilans Barnard - 300-400 mm, leaves 2, terete, flowers pink with darker markings, long-tubed; 10-11; mountain slopes, Cape Point, Kogelberg.

violaceo-lineatus G. Lewis - 350-600 mm, leaves 4, linear, midrib raised on one side, flowers mauve with violet veins; 7-8; mountain slopes, Gifberg, Cedarberg.

virescens Thunb. - 100-250 mm, leaves 3, linear to subterete, flowers fragrant, greenish and yellow with conspicuous veins, occ. pinkish or mauve; 8-10; sandy or clay flats, Ceres, Worcester to Witteberg, Caledon to Port Elizabeth.
viridiflorus G. Lewis - 180-500 mm, leaves 3-4, linear-lanceolate, flowers fragrant, pale green; 5-7; rocky sandstone slopes, Nieuwoudtville (Namaqualand).
watermeyeri L. Bolus - 100-300 mm, leaves 3-4, ribbed, flowers fragrant, cream to grey with purple veins and green and orange markings; 7-9; Nieuwoudtville to flats east of Pakhuis Pass.

GYNANDRIRIS 9 sp - southern Africa and Mediterranean to Middle East

australis Goldbl. - 80-250 mm, flowers large, pale blue; 9-11; coastal sand dunes and flats, S Cape, George to Humansdorp.
cedarmontana Goldbl. - 100-300 mm, flowers white; 9-10; wet situations in dry interior valleys of the Cedarberg.
hesperantha Goldbl. - 400-600 mm, flowers dark blue; 10-11; heavy clay soil, Nieuwoudtville to Lokenburg .
pritzellii (Diels) Goldbl. - 70-250 mm, leaves coiled, flowers large, blue; 9-11; sand and clay, Nieuwoudtville (W Karoo).
setifolia (L.f.) Druce - (knikkertjies, basterbloutulp, bokuintjie); 50-200 mm, flowers small, pale mauve; 9-11; sandy and gravelly flats and lower slopes, Clanwilliam to Peninsula, Caledon to Riversdale, Worcester, Touws River (S W Karoo, E Cape).

HESPERANTHA ca 55 sp - sub-Saharan Africa

acuta (Lichtenst. ex Roemer & Schultes) Ker Gawler - (aandblom); 100-300 mm, leaves linear to ensiform, flowers yellow or white; 7-9; Worcester to George (Karoo).
bachmannii Baker - 150-300 mm, leaves linear to ensiform, flowers white, recurved; 7-10; widespread, Nieuwoudtville to Ceres, Humansdorp to Port Elizabeth (Namaqualand, Karoo and E Cape).
brevifolia Goldbl. - 150-400 mm, leaves short, linear, flowers white, recurved; 10-12; mountains slopes, Worcester to Piketberg.
cedarmontana Goldbl. - 120-250 mm, leaves ensiform, flowers white, stamens included in the tube; 9-10; montane, Pakhuis Mts. to Piketberg.
cucullata Klatt - 150-300 mm, leaves ensiform, flowers white, red to brown on reverse; 7-9; Nieuwoudtville, Gifberg and Bidouw Valley (W Karoo).
elsiae Goldbl. - 250-300 mm, leaves linear, flowers bright pink, secund, with stamens and style included; 12; rocky slopes, Cedarberg, rare.
erecta (Baker) Benth. ex Baker - 100-220 mm, leaves linear to ensiform, flowers white; 8-9; west coast, often on granite outcrops, Klawer to Malmesbury.
falcata (L.f.) Ker Gawler - (aandblom); 60-300 mm, leaves ensiform to falcate, flowers white, red to brown on reverse; 7-10; widespread, Lokenburg to Peninsula, Caledon to Port Elizabeth.
fibrosa Baker - 80-300 mm, leaves ensiform, succulent, flowers white to mauve; 7-10; clay flats and slopes, Caledon to Heidelberg.
humilis Baker - 30-70 mm, acaulescent, leaves falcate, flowers pink to red; 7-9; Witteberg and Hex River Mts. (W Karoo).
juncifolia Goldbl. - 180-200 mm, leaves terete, flowers white, recurved; 9-10; limestone flats, Agulhas Peninsula.
marlothii Foster - 40-150 mm, leaves linear, flowers cream, dull on the reverse, tube recurved; 7-9; sandy soils, Nieuwoudtville, Cold Bokkeveld (W Karoo).
montigena Goldbl. - 50-150 mm, leaves lanceolate, often prostrate, flowers white, red on reverse; 10-11; high alt., Worcester and Stellenbosch.

muirii (L. Bolus) G. Lewis - 100-200 mm, leaves linear, flowers large, cream with pink veins; 10-4; clay slopes, Bredasdorp to Albertinia.
pallescens Goldbl. - 100-200 mm, leaves linear, flowers cream, long-tubed; 8-9; lower clay slopes, Olifants River Mts.
pauciflora (Baker) G. Lewis - 80-240 mm, leaves lanceolate, flowers pink to purple; 8-9; Nieuwoudtville escarpment (Namaqualand).
pilosa (L.f.) Ker Gawler - (aandblom); 100-300 mm, leaves linear, pilose, flowers white to blue or purple; 7-10; sandy soils, Nieuwoudtville to Peninsula, Caledon, Bredasdorp (W Karoo, S Namaqualand).
radiata (Jacq.) Ker Gawler - (bontrokpypie); 200-400 mm, leaves short, linear, flowers white to cream, tube curved; 8-10; widespread, Nieuwoudtville to Peninsula, Caledon to Port Elizabeth (Namaqualand to Swaziland).
rivulicola Goldbl. - 150-300 mm, leaves linear, inflated, flowers white, brown on the reverse; 9; along streams, Nieuwoudtville (Calvinia).
saldanhae Goldbl. - 150-250 mm, leaves ensiform, flowers white, style arms included in tube; 8; granite outcrops, Saldanha Bay.
spicata (Burm. f.) N.E. Br. - (rooibontaandblom, kaneeltjie); 120-350 mm, leaves terete to lanceolate, margins sometimes crisped, flowers small, white; 8-10; clay and sandy soils, Tulbagh to Peninsula, Piketberg.
vaginata (Sweet) Goldbl. - 120-180 mm, leaves ensiform, flowers large, yellow often marked with black; 8-9; heavy clay soil, Nieuwoudtville (Calvinia).

HEXAGLOTTIS 5 sp - S W and S Cape, W Karoo, Namaqualand

lewisiae Goldbl. - (soetuintjie, volstruisuintjie); 200-900 mm, leaves 1-3, fruits oblong to linear, flowers deep yellow; 10-12; Nieuwoudtville to Peninsula, Caledon to Humansdorp (Namaqualand).
longifolia (Jacq.) Sweet - 0,6-1,5 m, leaves several, fruits globose, flowers pale yellow; 10-11; shady, moist sites, Peninsula, Somerset West, Paarl.
virgata (Jacq.) Sweet - (volstruisuintjie); 120-850 mm, 1-3 leaves, fruits enclosed in the bracts, flowers pale to deep yellow; 10-11; Nieuwoudtville to Peninsula, Caledon to Port Elizabeth (W Karoo).

HOMERIA 31 sp - southern Africa, mainly S W Cape

autumnalis Goldbl. - 160-300 mm, unifoliate, flowers yellow; 4-6; lower mountain slopes, Elands Kloof.
bifida L. Bolus - 200-750 mm, unifoliate, flowers salmon or yellow; 8-9; clay soils, Nieuwoudtville and Cedarberg (W Karoo and S Namaqualand).
bolusiae Goldbl. - 150-400 mm, unifoliate, flowers yellow; 8-9; rock outcrops, Lokenburg and Nardouw Mts.
brachygyne Schltr. - 80-250 mm, unifoliate, flowers pink, small; 7-9; sandy soils, Nieuwoudtville to the lower Olifants River Valley.
britteniae L. Bolus - 200-450 mm, unifoliate, flowers pale yellow to cream; 9-10; southern Cape, Knysna to Port Elizabeth (E Cape).
bulbillifera G. Lewis - (uintjiestulp); 300-500 mm, unifoliate, stems often cormiferous, flowers yellow to orange; 8-10; sandy soils, mainly coastal, Peninsula to Port Elizabeth (E Cape).
cedarmontana Goldbl. - 0,7-1 m, 2 to 3-leafed, flowers yellow; 8-10; local at mid to upper altitudes, Cedarberg to Elands Kloof.
collina (Thunb.) Salisb. - (aasuintjie, tulp); 180-350 mm, unifoliate, flowers yellow or salmon, lower mountain slopes and sandy flats, Bains Kloof to Peninsula, Paarl, Caledon.
comptonii L. Bolus - 180-300 mm, unifoliate, flowers yellow to orange, often with large green markings; 8-9; clay slopes, Villiersdorp to Stanford.

cookii L. Bolus - 300-600 mm, robust, unifoliate, flowers yellow; 8-10; montane, Cedarberg, southern Cape and Swartberg Mts. (Karoo and Lesotho).

elegans (Jacq.) Sweet - (poublom, tulp); 150-300 mm, unifoliate, flowers yellow or the outer tepals orange and with large green blotches; 8-10; clay slopes, Caledon to Bredasdorp.

flaccida Sweet - (rooitulp); 300-600 mm, unifoliate, flowers salmon with a yellow centre or entirely yellow; 8-10; wet flats and plateaus, Nieuwoudtville to Peninsula, Caledon.

flavescens Goldbl. - 120-300 mm, unifoliate, flowers yellow; 9; Gifberg and Cedarberg.

fuscomontana Goldbl. - 100-250 mm, unifoliate, flowers pale yellow; 9; sandy slopes, Cold Bokkeveld and Swartruggens.

galpinii L. Bolus - (geeltulp); 150-300 mm, unifoliate, flowers yellow; mainly 3-8; mountain slopes, Piketberg, Bains Kloof to Bredasdorp.

longistyla Goldbl. - 150-300 mm, unifoliate, flowers yellow or pink; 8-10; mainly clay soils, Ceres, Caledon, Montagu.

marlothii L. Bolus - 500-750 mm, unifoliate, flowers yellow or salmon-pink; 7-10; Nieuwoudtville (W Karoo);

miniata (Andrews) Sweet - (rooitulp); 150-600 mm, leaves 2-3, flowers white, yellow or pink; 7-9; clay slopes, Nieuwoudtville to Peninsula, Worcester, to Riversdale (Namaqualand, W Karoo).

minor (Ecklon) Goldbl. - 100-300 mm, unifoliate, flowers yellow or pink; 8-9; sandy flats and lower mountain slopes, Elands Kloof to Peninsula.

ochroleuca Salisb. - (apricot tulp); 350-750 mm, leaves 1-3, flowers yellow to orange; 6-11; montane or sandy coastal flats, Elands Kloof to Caledon.

odorata L. Bolus - 300-450 mm, unifoliate, flowers pale yellow; 8-9; clay flats, Nieuwoudtville.

patens Goldbl. - 250-450 mm, unifoliate, flowers yellow or orange; 8-9; sandy valleys, Pakhuis and Nardouw Mts.

spiralis L. Bolus - 100-200 mm, leaves 3, spirally coiled, flowers salmon-pink; 8-9; clay flats, Nieuwoudtville.

tenuis Schltr. - 70-200 mm, unifoliate, flowers small, pale yellow; 8-10; sandy or stony slopes and plateaus, Cedarberg to Elands Kloof.

tricolor G. Lewis - 150-300 mm, leaves 1-3, flowers salmon with a yellow centre; 9-10; clay flats and slopes, Ceres to Touws River (W Karoo).

vallisbelli Goldbl. - 150-300 mm, unifoliate, flowers yellow or pink; 7-9; sandy soils, Nieuwoudtville to Lokenburg.

HOMOGLOSSUM 10 sp - S W to E Cape

abbreviatum (Andrews) Goldbl. - (rooipypie); 300-650 mm, leaves linear, cruciform in section, flowers reddish, lower tepals very short and green to blackish; 6-9; clay flats, Caledon to Riversdale, Worcester.

fourcadei (L. Bolus) N.E. Br. - 0,5-1 m, leaves linear, cruciform in section, flowers red or yellow-green; 9-11; George to Humansdorp.

guthriei (L. Bolus) L. Bolus - 350-550 mm, leaves linear and plane, flowers red to orange; 9-10; coastal, Stanford to Agulhas.

huttonii N.E. Br. - (rooi-afrikaner, Eastern Cape flame); 300-800 mm, leaves linear, cruciform in section, flowers red to orange; 6-9; Plettenberg Bay to Port Elizabeth (E Cape).

merianellum (Thunb.) Baker - (vlamme, rooi-afrikaner); 300-700 mm, leaves linear, nearly plane, villous, flowers orange to yellow; 4-8; sandy flats and lower slopes, Cape Peninsula.

muirii (L. Bolus) N.E. Br. - 300-600 mm, leaves linear, margins and midrib thickened, flowers red to orange; 5-9; Worcester, Stellenbosch to Mossel Bay.

priorii (N.E. Br.) N.E. Br. - (rooipypie, rooi-afrikaner); 300-800 mm, leaves linear and nearly plane, flowers dull red; 4-6; sandy flats and slopes, Saldanha to Peninsula, Caledon, Worcester.
quadrangulare (Burm. f.) N.E. Br. - 500-900 mm, leaves linear, cruciform in section, flowers red; 8-10; Cold Bokkeveld, Ceres.
vandermerwei (L. Bolus) L. Bolus - 300-600 mm, leaves linear and plane, flowers scarlet to salmon; 8-9; Caledon to Swellendam.
watsonium (Thunb.) N.E. Br. - (rooi-afrikaner, suikerkannetjie); 0,4-1 m, leaves linear, margins and midrib thickened, flowers scarlet; 5-9; sandy to stony flats and slopes, Darling to Peninsula, Porterville to Stellenbosch.

IXIA 45 sp - Namaqualand, Karoo and S W Cape

bellendenii Foster - 450-600 mm, flowers cream, pink on the reverse, tube long and tapering; 10; Caledon, Bredasdorp.
brunneobracteata G. Lewis - 250-450 mm, flowers cream, tube wide, bracts glossy and dark brown; 9-10; marshy sites, Nieuwoudtville escarpment.
campanulata Houtt. - (rooikalossie, red ixia); 100-350 mm, flowers white or bright red, tube short and slender; 10-11; sandy lower slopes, Tulbagh to Worcester.
capillaris L.f. - 200-450 mm, flowers white, blue or mauve; 7-9; flats and mountain slopes, Clanwilliam to Stellenbosch, Worcester, Witteberg to Ladismith.
cochlearis G. Lewis - 200-400 mm, flowers rose to salmon-pink; 11; dry lower mountain slopes, Stellenbosch.
collina Goldbl. & Snijman ined. - 500-900 mm, flowers pale pink, zygomorphic with unilateral stamens, filaments bipartite; 8-9; shale hills, Worcester valley.
conferta Foster - (kalossie); 150-350 mm, flowers red to purple or cream with large contrasting coloured centre; 8-10; clay flats and slopes, Citrusdal to Paarl, Piketberg, Malmesbury.
curta Andrews - 150-400 mm, flowers orange with a brown to green centre, tube slender; 10; sandy flats and slopes, Malmesbury, Darling.
dubia Vent. - 250-600 mm, flowers orange to yellow, often dark in centre, tube slender; 10-12; flats and slopes, Piketberg to Peninsula, Tulbagh to Caledon.
erubescens Goldbl. - (= I. crispa L.f.) (agretjie, weeskindertjies); 120-300 mm, leaves undulate to crisped, flowers pink, tube filiform; 8-9; clay flats and slopes, Piketberg to Paarl, Caledon.
flexuosa L. - (koringblommetjie); 350-650 mm, flowers pink, mauve or white, tube slender; mainly 8-9; sand or clay flats and slopes, Peninsula to Riversdale.
framesii L. Bolus - 150-380 mm, slender, flowers salmon to red, tube wide; 9-10; sandy flats, Darling, Malmesbury.
fucata Ker Gawler - 150-400 mm, slender, flowers white to pale pink, tube long; 9-11; mid to upper slopes, Paarl, Worcester, Caledon.
gloriosa G. Lewis - 350-650 mm, flowers deep pink with a purple-black centre, tube slender; 8-9; north slope of Langeberg Mts., Barrydale district.
latifolia Delaroche - 200-500 mm, flowers pink to purple, tube wide; 9-11; Nieuwoudtville to Worcester, Paarl, Montagu (Namaqualand, W Karoo).
leipoldtii G. Lewis - 110-250 mm, flowers yellow, tube wide; 9; karroid flats, Ladismith (S Karoo).
longituba N.E. Br. - 350-700 mm, flowers pink, tube long and cylindric; 9-11; lower slopes and flats, Caledon, Bredasdorp, Swellendam.
maculata L. - (geelkalossie); 200-500 mm, flowers orange to yellow with a dark star-like centre, tube slender; 9-10; flats and lower slopes, Clanwilliam, Piketberg, Saldanha to Peninsula.
metelerkampiae L. Bolus - to 700 mm, flowers pink to lilac with purple centre outlined white, tube slender; 11-12; lower to middle slopes, Bains Kloof to Paarl.

micrandra Baker - 250-500 mm, slender, flowers white to pink, tube filiform; 7-9; sandy slopes and flats, Caledon to Bredasdorp, Paarl, Montagu to Oudtshoorn.
monadelpha Delaroche - 150-400 mm, flowers bluish, purple or violet, occ. white, with a dark centre, tube slender; 9-11; wet sandy flats and lower slopes, Malmesbury to Peninsula.
odorata Ker Gawler - (geelkalossie); 200-500 mm, flowers fragrant, yellow, small, tube narrow; 9-11; flats and lower slopes, Clanwilliam to Peninsula, Paarl, Worcester, Caledon.
orientalis L. Bolus - 250-700 mm, flowers cream to mauve-pink, tube narrow; 9-10; flats and slopes, Caledon to Knysna, Oudtshoorn to Port Elizabeth (E Cape).
paniculata Delaroche - 0,4-1 m, flowers cream to pinkish, tube long, tapering, anthers often included; 10-12; wet sandy slopes and flats, Clanwilliam to Peninsula, False Bay.
patens Aiton - 200-500 mm, flowers red, pink or white with a pale or dark centre; 9-10; Clanwilliam to Worcester, Riviersonderend.
pauciflora G. Lewis - 220-380 mm, flowers cream or pink to violet-blue, tube wide; 8-9; sandy flats and slopes, Piketberg, Cedarberg to Ceres.
paucifolia G. Lewis - 120-550 mm, flowers white to cream, tube long, slender; 9-11; stony mid to upper mountain slopes, Citrusdal to Worcester, Montagu, Witteberg, Ladismith.
polystachya L. - (koringblommetjie, witkalossie); 0,3-1 m, flowers white to pink, occ. yellow, tube filiform; 10-12; mountain slopes and flats, Clanwilliam to Peninsula, Caledon.
pumilio Goidbl. & Snijman ined. - to 150 mm, flowers red, tube wide; 8-9; sandy alluvial flats, Breede River, Worcester.
purpureorosea G. Lewis - 200-600 mm, flowers mauve-pink, blackish in the centre, tube slender; 9-10; Langebaan Peninsula.
rapunculoides Del. in Redoute - 150-700 mm, flowers blue to mauve, tube wide; 8-9; Nieuwoudtville to Ceres, Worcester, Montagu (Namaqualand, W Karoo).
rouxii G. Lewis - 350-500 mm, flowers white, pink or greenish with a dark centre, tube slender; 10-11; clay flats, Porterville to Gouda.
scillaris L. - (vlier, weeskinders, agretjie); 250-500 mm, flowers pink, secund, anthers pendulous, tube filiform; 9-11; sand and clay flats and slopes, Gifberg to Peninsula, Caledon (Namaqualand).
splendida G. Lewis - 300-600 mm, flowers pale pink, tube long and tapering; 10-11; mountain slopes, Zebra Kop, Piketberg.
stohriae L. Bolus - 150-300 mm, flowers pink or white, tube narrow; 9-10; middle slopes of the Langeberg, Swellendam.
stolonifera G. Lewis - 200-500 mm, flowers mauve with a purple centre, tube slender; 9; middle mountain slopes, Montagu.
stricta (Ecklon ex Klatt) G. Lewis - 350-550 mm, flowers pale to deep pink, tube filiform; 11-12; lower mountain slopes and flats, Caledon, Bredasdorp.
trinervata (Baker) G. Lewis - 200-400 mm, flowers pink to mauve, tube filiform; 9; mountain slopes, Caledon.
vanzyliae L. Bolus - 180-400 mm, leaves twisted, margins undulate, flowers pinkish with a darker centre, tube filiform; 8-9; clay flats, Bonnievale.
versicolor G. Lewis - 150-350 mm, flowers white or purple with a dark centre; 10; sandy flats, Paarl to Somerset West.
vinacea G. Lewis - 400-450 mm, flowers red with a dark centre, tube slender; 8-9; stony clay flats, Tulbagh.
viridiflora Lam. - (green ixia, groenkalossie); 0,5-1 m, flowers green with a blackish centre, tube slender; 9-10; lower mountain slopes, Tulbagh.

KLATTIA 2 sp - S W Cape

partita Baker - (kammetjiesbos); 600-900 mm, shrub, flowers and bracts yellow; 12-1; montane, Hottentots Holland to Langeberg at Swellendam.
stokoei L. Guthrie - 500-900 mm, flowers and bracts red; 1-3; montane, Hottentots Holland to Bettys Bay Mts.

LAPEIROUSIA ca 35 sp - sub-Saharan Africa, mainly south western coast

anceps (L.f.) Ker Gawler - 100-300 mm, flowers small, pink, tube slender, 8-11; deep sand, Nieuwoudtville to Bredasdorp (S Namaqualand).
corymbosa (L.) Ker Gawler - (koringblommetjie); 50-450 mm, inflorescence paniculate, flowers blue or yellow; mainly 9-11; sandy flats and lower slopes, Piketberg to Peninsula, Caledon to Bredasdorp.
divaricata Baker - 70-250 mm, flowers white to pale pink, short-tubed; 8-10; damp sandy places, Nieuwoudtville to Citrusdal (Namaqualand).
fabricii (Delaroche) Ker Gawler - (cabong, chabi); 150-250 mm, large cream to pink flowers; 9-10; sandy soils, Malmesbury to Nieuwoudtville (Namaqualand).
falcata (L.f.) Ker Gawler - to 100 mm, flowers pink to mauve, actinomorphic; 10; mountain plateaus in shallow sand, Ceres, Porterville, Worcester, Caledon.
jacquinii N.E. Br. - 80-120 mm, flowers purple with cream stripes, tube slender; 8-9; sandy soils, Malmesbury to Nieuwoudtville.
micrantha (E. Meyer ex Klatt) Baker - to 350 mm, flowers small, fragrant, cream to maroon, actinomorphic; 10; sandy slopes and flats, after fires, Gifberg to Worcester, Caledon to Riversdale.
oreogena Schltr. ex Goldbl. - to 100 mm, acaulescent, flowers violet with cream markings, tube long; 8-9; clay soils, Nieuwoudtville (W Karoo).
plicata (Jacq.) Diels - (blousterretjie, haasuintjie); ca 50 mm, acaulescent, flowers blue, small; 7-9; dry flats, Riversdale, Worcester (Karoo, N Cape, S Namibia).
pyramidalis (Lam.) Goldbl. - (naeltjie); 50-100 mm, flowers fragrant, cream, blue or pink, tube long; 7-9; mainly lower clay slopes, Clanwilliam, Nieuwoudtville, Worcester, Little Karoo, S Cape (S Namaqualand).
violacea Goldbl. - to 100 mm, flowers violet with cream markings, tube long; 8-9; sandy flats and plateaus, Nieuwoudtville to Bidouw Valley.

MELASPHAERULA 1 sp - S W Cape to S Namibia

ramosa (L.) N.E. Br. - (baardmannetjie, bokbaardjie); to 500 mm, much-branched, flowers white to cream; 7-9; Nieuwoudtville to Bredasdorp (to S Namibia).

MICRANTHUS 3 sp - S W Cape

alopecuroides (L.) Ecklon - (vleiblommetjie); 250-400 mm, flat leaves, flowers pale to deep blue; 10-12; sandy soils, mountains and flats, Gifberg to Peninsula, Caledon, Bredasdorp.
junceus (Baker) N.E. Br. - (vleiblommetjie); 250-450 mm, leaves terete, flowers blue; 11-2; wet sites, sandy soil, Clanwilliam to Peninsula, Caledon to Riversdale.
tubulosus (Burm. f.) N.E. Br. - 250-450 mm, hollow, tubular leaves, flowers blue; 11-12; hills and flats, Tulbagh, Citrusdal to Peninsula.

MORAEA 105 sp - S W Cape to Ethiopia

algoensis Goldbl. - 200-400 mm, leaf solitary, flowers purple; 7-9; clay slopes in renosterveld, Little Karoo, Worcester to Port Elizabeth.

amissa Goldbl. - 200-300 mm, leaf solitary, flowers violet; 10; sandy soil, local north of Malmesbury, rare.

angusta (Thunb.) Ker Gawler - (geeltulp); 200-400 mm, unbranched, leaf solitary, flowers yellow; 8-11; sandy flats and slopes, Cedarberg to Knysna.

anomala G. Lewis - 200-400 mm, unbranched, leaf solitary, flowers yellow; 9-11; mountains and flats, often on clay, Pakhuis Pass to Peninsula, Caledon.

aristata (Delaroche) Asch. & Graebner - (blou-ooguintjie); to 350 mm, leaves solitary, flowers white, marked blue; 9; clay soil, Observatory, Cape Town.

atropunctata Goldbl. - 150-200 mm, leaf solitary, pubescent, flowers grey-white, dark speckled; 9; local on clay slopes, Eseljacht Mts., Caledon.

barkerae Goldbl. - 150-400 mm, leaf solitary, flowers pale salmon to pink with purple markings; 9-11; sandy mountain soils, Cedarberg, Cold Bokkeveld Mts.

barnardii L. Bolus - 150-300 mm, leaf solitary, flowers white, speckled blue, inner tepals lacking; 9-10; sandy mountain slopes, southern Caledon district.

bellendenii (Sweet) N.E. Br. - 0,5-1 m, leaf solitary, flowers yellow; 10-11; sandy or clay flats and lower slopes, Darling to Plettenberg Bay.

bipartita L. Bolus - (bloutulp); 150-450 mm, leaves 2-4, flowers blue; 6-11; clay flats, Ladismith to Uitenhage (E Cape, S Karoo).

bituminosa (L.f.) Ker Gawler - (teeruintjie); 200-500 mm, sticky stems, leaves 2-3, flowers large, yellow; 10-12; sandy slopes and flats, Porterville to Bredasdorp.

bulbalina Goldbl. - 200-450 mm, stems sticky, leaves 2-5, flowers brown with green markings; 10-11; sandy soils, Botterkloof, Gifberg to Lamberts Bay (S Namaqualand).

caeca Barnard ex Goldbl. - 200-400 mm, leaf solitary, flowers purple; 9-10; sandy middle slopes, Piketberg, Porterville.

calcicola Goldbl. - 300-400 mm, leaf solitary, flowers blue, dark in the centre; 9; limestone hilltops, Saldanha Bay.

ciliata (L.f.) Ker Gawler - 30-200 mm, acaulescent, leaves several, ciliate, flowers fragrant, blue, yellow or white; 7-9; widespread, Nieuwoudtville to Riversdale (Namaqualand, Karoo).

cooperi Baker - 150-200 mm, well-branched, leaves 2-3, flowers yellow, lacking tepals; 9-10; well-watered stony flats, Tulbagh, Stellenbosch to Caledon.

debilis Goldbl. - 150-400 mm, leaf solitary, pubescent, flowers with thread-like inner tepals, purple; 9-10; clay soils, renosterveld, Caledon.

elliotii Baker - 150-500 mm, leaf solitary, occ. terete, flowers blue-violet; 7-3; grassy slopes, Baviaanskloof Mts., Uniondale (E Cape to Malawi).

elsiae Goldbl. - 200-400 mm, stems sticky, leaves 2-3, flowers yellow, style crests vestigial; 11-12; sandy flats, Peninsula to Bredasdorp.

falcifolia Klatt - to 50 mm, acaulescent, leaves several, flowers white with blue and purple markings; 5-9; Nieuwoudtville (Namaqualand, W Karoo).

fergusoniae L. Bolus - 100-200 mm, leaves several, often undulate, flowers white or blue; 7-8; clay flats in low scrub, Caledon to Mossel Bay.

fugax (Delaroche) Jacq. - (hottentotsbrood, hottentotsuintjie); 120-500 mm, leaves 1-2, flowers fragrant, blue, white or yellow; 8-11; sandy soils, Nieuwoudtville to Peninsula, Worcester, Caledon to Swellendam (Namaqualand).

gawleri Sprengel - 150-450 mm, leaves 2-3, often crisped, flowers yellow, cream or brick-red; 7-10; sand or clay, usually renosterveld, Nieuwoudtville to Humansdorp (Namaqualand).

gigandra L. Bolus - 200-400 mm, leaf solitary, pubescent, flowers blue, rarely white or orange; 9-10; clay flats and lower slopes, Piketberg to Porterville.

gracilenta Goldbl. - 300-800 mm, very branched, leaves 1-2, flowers fragrant, pale blue; 9-11; sandy flats, Clanwilliam to Tulbagh.

inconspicua Goldbl. - (taai-uintjie, teeruintjie); 200-450 mm, stems sticky, leaves 2-3, flowers tiny, yellow to brown; 10-12; sandy and clay flats, widespread, Nieuwoudtville to Port Elizabeth (Namaqualand).

incurva G. Lewis - 350-400 mm, leaf solitary, flowers deep blue; 10; foot of Elandskloof Mts., north of Wellington (possibly extinct).

insolens Goldbl. - 200-350 mm, leaf solitary, flowers orange or cream; style crests vestigial; 9; gravelly clay south slopes of Caledon Swartberg.

linderi Goldbl. - 350-450 mm, leaves 2-3, flowers yellow; 12; local, sandy plateaus, Piketberg Mts.

longiaristata Goldbl. - 150-300 mm, leaf solitary, flowers white, speckled blue; 9-10; sandy lower slopes, Caledon Swartberg.

loubseri Goldbl. - 150-200 mm, leaf solitary, pubescent, flowers deep blue to purple, villous; 8-9; local on a granite koppie near Langebaan.

lugubris (Salisb.) Goldbl. - (kersblakertjie); 60-160 mm, leaves two or more, flowers deep blue, style branches feathery; 8-11; sandy usually wet flats and slopes, Nieuwoudtville to Peninsula, Caledon to Bredasdorp.

lurida Ker Gawler - (aasuintjie); 200-300 mm, leaf solitary, flowers foul-scented, maroon to cream; 10-11; sandy slopes and flats, Caledon to Bredasdorp.

macronyx G. Lewis - 90-250 mm, acaulescent, leaves several, flowers fragrant, yellow; 9-10; sandy plateaus, Cold Bokkeveld to Long Kloof at Avontuur.

neglecta G. Lewis - 200-500 mm, unbranched, leaf solitary, flowers yellow; 9-11; usually sandy flats, Nieuwoudtville to Peninsula, Caledon.

neopavonia Foster - (poublom, uiltjie, peacock flower); to 500 mm, leaf solitary, pubescent, flowers orange marked dark blue; 9; renosterveld, Piketberg to Paarl.

nubigena Goldbl. - dwarf, 30-50 mm, leaf solitary, flowers small, blue; 9; rock seeps at high alt., Fonteintjiesberg, Worcester.

papilionacea (L.f.) Ker Gawler - 100-200 mm, leaves 3-4, often pubescent, flowers yellow, cream or brick; 8-10; sand, occ. clay, flats and mountain slopes, Cedarberg to Peninsula, Caledon, Bredasdorp.

polyanthos L.f. - (= **Homeria lilacina** L. Bolus) (bloutulp); 150-600 mm, leaves 2-several, flowers blue or white, style crests vestigial; 8-10; flats and lower slopes, mainly clay, Worcester to Uitenhage, Swellendam to Mossel Bay.

polystachya (Thunb.) Ker Gawler - (bloutulp, kraai-uintjie); 500-800 mm, much-branched, leaves several, flowers blue; 3-8; dry karoo plains, Little Karoo, Ladismith, Oudtshoorn (Karoo, N Cape, Namibia).

ramosissima (L.f.) Druce - (geeltulp); 0,5-1,2 m, much-branched, leaves several, flowers yellow; 10-12; damp flats and mountain slopes, Gifberg to Port Elizabeth (E Cape).

serpentina Baker - (slanguintjie); 40-200 mm, leaves 2-3, coiled, flowers white and yellow; 9-10; arid stony flats, lower Olifants River Valley (Namaqualand).

spathulata (L.f.) Klatt - (grootgeeltulp); to 1 m, unbranched, leaf solitary, flowers large, yellow; 6-9; lower slopes and flats, George to Uitenhage (to Zimbabwe).

thomasiae Goldbl. - 150-300 mm, leaf solitary, flowers yellow; 8-9; south-facing clay slopes, Worcester to Montagu.

tricolor Andrews - 50-150 mm, acaulescent, leaves several, flowers fragrant, yellow, red or purple; 7-9; wet sandy flats, Darling to Peninsula, Caledon.

tricuspidata (L.f.) G. Lewis - (rietuintjie); 250-600 mm, leaf solitary, flowers white to cream; 10-11; clay or sandy flats and slopes, Cedarberg, Peninsula to Port Elizabeth (E Cape).

tripetala (L.f.) Ker Gawler - to 450 mm, leaf solitary, flowers blue to violet, inner tepals minute; 8-9; flats and slopes, Nieuwoudtville to George (W Karoo).

tulbaghensis L. Bolus - 250-350 mm, leaf solitary, pubescent, flowers orange, marked green; 9; clay flats, Tulbagh, Wellington.

unguiculata Ker Gawler - (wituintjie); 150-600 mm, leaf solitary, flowers white, cream, rarely violet, often speckled; 10-12; widespread, Cedarberg to Port Elizabeth (Namaqualand, Karoo mts.).

vallisavium Goldbl. - 100-340 mm, unbranched, leaf solitary, flowers yellow; 12-1; mid to upper slopes, Hermanus.

vegeta L. - (bruintulp); to 300 mm, leaves 3-4, stem ciliate, flowers buff to purple; 9-10; clay or granite lower slopes and flats, Darling, Peninsula to Caledon.
villosa (Ker Gawler) Ker Gawler - (uiltjie, peacock moraea); to 400 mm, leaf solitary, pubescent, flowers purple, blue, white or orange, nectar guides large; 8-9; stony slopes and flats, Piketberg to Gordons Bay, Citrusdal, Ceres.
viscaria (L.f.) Ker Gawler - 200-450 mm, stems sticky, leaves 2-3, flowers fragrant, white; 9-12; sandy lower slopes and flats, Saldanha to Cape Agulhas.
sp - to 150 mm, leaf solitary, flower purple, stellate, style without crests; 9-10; rocky flats, Worcester.

NIVENIA 9 sp - S W and S Cape

binata Klatt - shrub, to 450 mm, flowers deep blue; mainly 8-10 (-4); southern slopes, Swartberg Mts., Ladismith to Oudtshoorn.
capitata Klatt - shrub, to 400 mm, flowers blue; 11; mountain slopes, Rooiberg and Langeberg Mts., Riversdale district.
concinna N.E. Br. - shrub, to 400 mm, flowers blue; 1-2; Viljoens Pass, Caledon district.
corymbosa Baker - shrub, 0,5-2 m, flowers blue; 11-3; Bainskloof Mts.
dispar N.E. Br. - shrub, to 800 mm, flowers blue, long-tubed; 2-4; cliffs and rocks at low to middle alt., Tulbagh Falls, Riviersonderend Mts.
fruticosa (L.f.) Baker - shrub, 90-200 mm, flowers pale blue; 1; Langeberg Mts.
levynsiae Weim. - low shrub with underground caudex, to 250 mm, flowers pale blue; 12-2; Kogelberg to Bettys Bay, Hottentots Holland.
stokoei N.E. Br. - shrub, 400-600 mm, flowers large, deep blue; 2-3; stony lower slopes, Kogelberg and Palmiet River Mts.
sp - shrub, 300-400 mm, flowers blue, slender-tubed; 4; cliffs at middle alt., Anysberg and Swartberg Mts. near Ladismith.

PILLANSIA 1 sp - Caledon district, S W Cape

templemanii L. Bolus - 600-900 mm, much-branched, flowers orange; 10-11; lower stony slopes and flats, Caledon, False Bay to Hermanus.

RHEOME 3 sp - S W Cape to Namaqualand

maximiliani (Schltr.) Goldbl. - to 150 mm, leaves clustered above ground, flowers yellow, stamen column concealing style arms; 8-9; flats east of Pakhuis Mts.
nana (L. Bolus) Goldbl. - 100-300 mm, leaves clustered above ground, flowers pale yellow to salmon, style arms deeply forked, extended between filaments; 9-11; sandy flats and lower slopes, Gifberg to Clanwilliam (Namaqualand).
umbellata (Thunb.) Goldbl. - 150-450 mm, leaves clustered above ground, flowers pale yellow, style branches appressed to anthers; 9-11; wet sandy flats and plateaus, Piketberg to Peninsula, Worcester, Caledon.

ROGGEVELDIA 1 sp - local in S Cape, W Karoo, Namaqualand

fistulosa Goldbl. - to 400 mm, leaf solitary, terete, flowers blue or white, style arms filiform, undivided; 11-12; rocky lower slopes, Little Karoo (W Karoo, Namaqualand).

ROMULEA ca 95 sp - Africa and Mediterranean, mainly S W Cape

albomarginata De Vos - to 65 mm, flowers magenta-pink; 8-10; sandy flats, Cold Bokkeveld.

amoena Schltr. ex Beg. - 80-120 mm, flowers pink to red; 8; red clay soil, Nieuwoudtville.
aquatica G. Lewis - 120-350 mm, flowers yellow; seasonal pools on flats, Hopefield, Piketberg.
atrandra G. Lewis - 100-300 mm, flowers magenta to pale pink or white; 7-10; Gifberg to Caledon, Montagu, Ladismith, Swellendam to Port Elizabeth (W Karoo, E Cape).
austinii E. Phillips - 60-120 mm, flowers yellow usually with brown markings; 5-7; Montagu to Uniondale, George, Port Elizabeth (W Karoo).
barkerae De Vos - 40-65 mm, flowers white and yellow; 7; Saldanha Bay.
biflora (Beg.) De Vos - 20-150 mm, flowers pink to rose; 7-9; clay soils, Gifberg, Bidouw Valley.
cedarbergensis De Vos - to 180 mm, flowers white to pale pink; 7-9; high plateaus, Cedarberg Mts.
citrina Baker - to 200 mm, flowers yellow; 8-9; Clanwilliam (Namaqualand).
cruciata (Jacq.) Baker - to 200 mm, flowers magenta to pink, yellow and black in centre; 7-9; widespread, Nieuwoudtville to Riversdale.
dichotoma (Thunb.) Baker - to 350 mm, flowers pink to salmon; 9-10; coastal, Caledon to Humansdorp.
elliptica De Vos - 150-300 mm, flowers yellow; 8; sandy flats, Saldanha Bay, rare.
eximia De Vos - to 150 mm, flowers rose; 8-9; Malmesbury.
fibrosa De Vos - to 350 mm, flowers magenta to pink; 10-12; high alt., Swartberg and Outeniqua Mts. to Uitenhage.
flava (Lam.) De Vos - (frutang); 50-300 mm, flowers white or yellow, occ. blue or pinkish; 6-9; widespread, Nieuwoudtville to Humansdorp (Namaqualand).
flexuosa Klatt - 20-250 mm, flowers white; 5-7; mountains among rocks, Nieuwoudtville, Clanwilliam to Hottentots Holland Mts.
gigantea Beg. - 45-70, occ. to 500 mm, flowers white, lilac or blue; 9-10; moist places, Caledon to Riversdale (E Cape).
gracillima Baker - to 100 mm, flowers pale pink; 9; mountain slopes, Peninsula to Bredasdorp.
hirsuta (Ecklon ex Klatt) Baker - 60-180 mm, flowers pink to rose; 8-10; sandy flats and mountains, Clanwilliam to Peninsula, Caledon, Bredasdorp.
hirta Schltr. - 50-200 mm, leaves usually ciliate, flowers yellow; 7-9; Nieuwoudtville to Cedarberg (W Karoo).
jugicola De Vos - to 300 mm, flowers yellow-orange; 8; renosterveld, Long Kloof.
leipoldtii Marais - 50-300 mm, flowers cream-white and yellow; 9-10; damp sandy sites, Nieuwoudtville, Clanwilliam, Piketberg to Mamre.
longipes Schltr. - 40-350 mm, flowers magenta to pink; 7-11; sand flats, Port Elizabeth (E Cape).
luteoflora (De Vos) De Vos - 80-200 mm, flowers yellow; 7-9; Cedarberg to Ceres, Riversdale (Namaqualand, W Karoo, Lesotho).
malaniae De Vos - 80-200 mm, flowers small, yellow; 8; sandy plateau, Montagu.
minutiflora Klatt - (frutang); to 65 mm, flowers tiny, pale mauve; 7-9; widespread, Nieuwoudtville to Port Elizabeth (E Cape).
montana Schltr. ex Beg. - 45-150 mm, flowers yellow; 7-9; stony ground, Nieuwoudtville to Cedarberg (W Karoo).
monticola De Vos - 50-100 mm, flowers yellow; 6-9; Nieuwoudtville, Gifberg.
multisulcata De Vos - 60-220 mm, flowers yellow; 8-10; seasonal pools, Nieuwoudtville.
obscura Klatt - to 80 mm, flowers rose to yellow; 8-9; sandy flats, Clanwilliam to Bredasdorp.
papyracea Wolley-Dod - to 90 mm, flowers lilac-pink and yellow; 10; Table Mt., Cape Peninsula.
pratensis De Vos - to 100 mm, flowers rose to white; 7-9; Uniondale to Uitenhage (E Cape).

rosea (L.) Ecklon - (frutang, knikkertjie); 50-400 mm, flowers pink to purple, occ. white, with yellow centre; 7-11; widespread, Nieuwoudtville to Port Elizabeth.
sabulosa Schltr. ex Beg. - to 140 mm, flowers red, marked yellow and black, Nieuwoudtville (W Karoo).
saldanhensis De Vos - to 300 mm, flowers yellow; 8-9; wet flats, Saldanha to Darling.
saxatilis De Vos - 100-250 mm, flowers magenta-pink; 9-10; mountains, among rocks, Clanwilliam, Piketberg, Ceres to Tulbagh.
schlechteri Beg. - 80-300 mm, flowers violet, pink, cream or yellow; 7-9; sandy soils, Clanwilliam to Peninsula, Hottentots Holland.
setifolia N.E. Br. - 40-120 mm, flowers yellow; 7-9; Nieuwoudtville to Caledon, Bredasdorp to Port Elizabeth (E Cape).
sinospinosensis De Vos - to 70 mm, flowers whitish; 8; west coast, Doringbaai.
sladenii De Vos - 70-90 mm, flowers white and yellow; 8-9; sand plateau, Gifberg.
sphaerocarpa De Vos - to 50 mm, leaf solitary, flowers yellow; 6; Montagu.
stellata De Vos - to 70 mm, flowers purple to violet; 5-7; shallow wet sand, Gifberg to Pakhuis Mts.
sulphurea Beg. - 35-60 mm, flowers yellow; 8; among rocks, Pakhuis Mts.
tabularis Beg. - to 100 mm, flowers blue and yellow; 7-10; moist, usually sandy flats, Clanwilliam to Peninsula, east to Bredasdorp.
tetragona De Vos - 80-200 mm, leaves ciliate, flowers rose to lilac or pink; 8-9; Clanwilliam, Ceres, Swellendam (W Karoo).
tortilis Baker - 60-120 mm, leaves twisted, flowers red; 7-9; Clanwilliam to Piketberg.
tortuosa (Licht. ex Roemer & Schultes) Baker - 40-70 mm, leaves spirally twisted, flowers yellow; 6-9; interior S W Cape (W Karoo).
toximontana De Vos - to 100 mm, flowers cream and orange; 8; sandy soils, Nieuwoudtville to Gifberg.
triflora (Burm. f.) N.E. Br. - to 200 mm, flowers yellow, rarely white; 8-10; sandy lower slopes, Citrusdal, Worcester to Peninsula, Caledon.
vinacea De Vos - to 70 mm, flowers blue-violet; 8; sandy soils, Pakhuis Pass.
viridibracteata De Vos - to 100 mm, flowers yellow; 8-9; Nieuwoudtville to Pakhuis Pass.
vlokii De Vos - to 200 mm, leaves filiform, flowers pink with an orange centre; 7-8; moist sand, Kammanassie Mts.

SESSILISTIGMA 1 sp - Robertson Karoo, S W Cape

radians Goldbl. - 120-250 mm, leaf solitary, flowers cream with yellow centre, stamens free; 8-9; karroid flats, Robertson.

SPARAXIS 6 sp - S W Cape to W Karoo

bulbifera (L.) Ker Gawler - (fluweelblom, botterblom); 150-450 mm, stem branched and cormiferous after blooming, flowers zygomorphic, white to cream; 9-10; wet sandy or clay flats, Darling to Peninsula, Tulbagh to Bredasdorp.
elegans (Sweet) Goldbl. - 90-200 mm, flowers actinomorphic, salmon, occ. white, marked purple and yellow, anthers coiled; 8-9; Nieuwoudtville (W Karoo).
fragrans (Jacq.) Ker Gawler - 70-250 mm, flowers actinomorphic, yellow to cream or beige, scented; 8-9; clay slopes, Caledon district.
grandiflora (Delaroche) Ker Gawler - (pers- or witkalkoentjie, fluweeltjie, botterblom); 80-250 mm, flowers zygomorphic, white to plum-red; 8-9; clay flats and slopes, Clanwilliam, Piketberg to Peninsula, Caledon.
tricolor (Schneev.) Ker Gawler - (fluweeltjie, harlequin flower); to 300 mm, flowers actinomorphic, orange, black and yellow; 9-10; renosterveld, Nieuwoudtville.

SYNNOTIA 6 sp - W Cape and S Namaqualand

galeata Sweet - 120-350 mm, flowers cream and yellow with purplish markings; 7-9; dry clay flats and slopes, lower Olifants River Valley (W Karoo, S Namaqualand).
parviflora G. Lewis - 150-300 mm, flowers small, cream; 8-9; moist sand and among rocks, Saldanha to Darling.
roxburghii (Baker) G. Lewis - 250-400 mm, flowers mauve to lilac with yellow on the lower tepals; 8-9; local in the Olifants River Valley S of Clanwilliam.
variegata Sweet - 250-400 mm, flowers long-tubed, violet marked with yellow or white, 8-9; sandy soils often among rocks, Nieuwoudtville to Citrusdal.
villosa (Burm. f.) N. E. Br. - 120-350 mm, flowers small, yellow, the upper tepals mauve; 8-9; clay flats and lower slopes, Citrusdal to Peninsula, Paarl.
sp - 80-200 mm, flowers yellow and white; 8; rocky slopes, Nardouw Mts.

SYRINGODEA 8 sp - S W Cape to Transvaal

derustensis De Vos - 50-80 mm, leaves lanceolate, flattened and prostrate, flowers violet, occ. white; 5-6; stony hills near De Rust, Oudtshoorn district.
flanaganii Baker - 30-120 mm, leaves filiform, flowers purplish or yellow; 4-6; Port Elizabeth (E Cape).
longituba (Klatt) Kuntze - 40-100 mm, leaves filiform, often twisted, flowers blue-violet with yellow centre; 4-6; drier sites, Nieuwoudtville to Pakhuis Pass, Malmesbury, Caledon to Riversdale, Little Karoo (Karoo, Namaqualand).
saxatilis De Vos - 40-80 mm, leaf solitary, terete and succulent, flowers purple; 5-6; karroid flats, Ladismith.
unifolia Goldbl. - 50-120 mm, leaf solitary, terete, flowers blue-violet with yellow; 5-6; mountain slopes and flats, Hex River Mts. to Touws Rivier (W Karoo).

THEREIANTHUS 7 sp - S W Cape

bracteolatus (Lam.) G. Lewis - 170-250 mm, leaves terete, flowers deep blue to white; 9-11; sandy mountain slopes, Clanwilliam to Tulbagh, Peninsula to Bredasdorp.
ixioides G. Lewis - 250-450 mm, leaves narrow-linear, flowers white with violet markings; 10-11; mountain slopes, Bains Kloof to Du Toits Kloof.
juncifolius (Baker) G. Lewis - 300-350 mm, leaves terete, junciform, flowers deep blue to purple; 9-11; wet sites, Cold Bokkeveld to Stellenbosch, Caledon.
lapeyrousioides (Baker) G. Lewis - 100-200 mm, leaves falcate, flowers purple; 10-1; seeps and wet rocks, mid to upper alt., Paarl, Tulbagh, Hex River Mts.
longicollis (Schltr.) G. Lewis - 150-250 mm, leaves filiform, flowers long-tubed, white; 11-1; Porterville to Tulbagh.
racemosus (Klatt) G. Lewis - 150-250 mm, leaves linear, flowers short-tubed, white?; 7-10; Piketberg, Porterville Mts.
spicatus (L.) G. Lewis - (blouvleipypie); to 300 mm, leaves linear, flowers pale blue to purple; 10-11; Peninsula, Paarl to Caledon.

TRITONIA 28 sp - Cape and S tropical Africa

bakeri Klatt - 400-700 mm, flowers nearly regular, cream, yellow or pinkish; 10-12; Ladismith to Uniondale, George.
chrysantha Fourc. - 150-300 mm, flowers bright yellow, long-tubed; 8-10; dry sites, Uniondale to Baviaans Kloof Mts. (S Karoo).
cooperi (Baker) Klatt - 400-600 mm, flowers white to cream, becoming pink; 11-12; usually montane, stony soils, Worcester, Caledon to Riversdale.

crispa (L.f.) Ker Gawler - 180-350 mm, crisped leaves, flowers yellow, cream or pink; 9-12; mountains and flats, Nieuwoudtville to Peninsula, Caledon.
crocata (L.) Ker Gawler - (incl. **T. hyalina** (L.f.) Baker) (Mosselbaaikalkoentjie, rooikalkoentjie); 250-500 mm, flowers nearly regular, orange to reddish; 9-11; clay flats and slopes, S Cape, Heidelberg to Humansdorp.
deusta (Aiton) Ker Gawler - (kalkoentjie); 150-250 mm, flowers orange, often dark marks on lower tepals; 9-10; clay flats and slopes, Peninsula to Riversdale.
dubia Ecklon ex Klatt - 120-250 mm, flowers actinomorphic, pink to orange; 8-9; clay flats and slopes, Humansdorp to Port Elizabeth.
flabellifolia (Delaroche) G. Lewis - 250-400 mm, flowers long-tubed, white, cream or pale pink; 9-11; Caledon to Albertina, Robertson Karoo.
lancea (Thunb.) N.E. Br. - 100-280 mm, flowers white; 8-9; Piketberg.
laxifolia (Klatt) Baker - 200-500 mm, flowers salmon to brick-red, calluses yellow; 3-5; Uitenhage (throughout southern and S tropical Africa, Tanzania).
lineata (Salisb.) Ker Gawler - (bergkatjietee); to 600 mm, flowers cream or yellow with dark veins; 8-11; Long Kloof to Port Elizabeth (to S Transvaal, Lesotho).
pallida Ker Gawler - (katjietee); 200-400 mm, flowers long-tubed, cream to pale lilac; 9-11; lower slopes, Caledon to Riversdale, Robertson, Little Karoo
parvula N.E. Br. - 150-250 mm, flowers red-orange to salmon; 9-11; stony sandstone soils, Cedarberg, Little Karoo, Riversdale to Willowmore.
securigera (Aiton) Ker Gawler - 150-400 mm, flowers orange or yellow, with large calluses on the lower tepals; 9-11; hills and flats, Little Karoo, S Cape from George to Port Elizabeth (E Cape, southern Karoo).
squalida (Aiton) Ker Gawler - (kalkoentjie); 250-400 mm, flowers pink to purple, nearly actinomorphic; 9-10; sandy or stony flats, Riversdale to Albertinia.
watermeyeri L. Bolus - 200-300 mm, leaves crisped, flowers orange to pink, yellow calluses on lower tepals; 7-10; clay flats, Little Karoo, Montagu to Barrydale.

TRITONIOPSIS 14 sp - S W Cape

apiculata (Bolus f.) G. Lewis - 250-400 mm, leaves ensiform, with 3-5 nerves, hysteranthous, flowers long-tubed, pink; 3-5; stony lower slopes, Swellendam to Mossel Bay and Swartberg near Ladismith.
caledonensis (Foster) G. Lewis - 400-450 mm, leaves linear and 1-nerved, flowers dull yellow; 11; Caledon.
dodii (G. Lewis) G. Lewis - 200-500 mm, leaves linear, with 2-3 nerves, flowers dull pink; 2-4; lower mountain slopes, Peninsula to Bredasdorp.
elongata (L. Bolus) G. Lewis - 350-600 mm, leaves linear-lanceolate, with 3-4 nerves, flowers pink; 3-4; low alt., Paarl.
flexuosa (L.f.) G. Lewis - 150-300 mm, leaves ovate, hysteranthous, 2-nerved, flowers long-tubed, pink; 1-2; clay slopes, Caledon to Bredasdorp, rare.
lata (L. Bolus) G. Lewis - 300-700 mm, leaves linear, with 3-4 nerves, flowers pale to deep pink; 2-5; mountains, Tulbagh to Caledon.
latifolia G. Lewis - 120-350 mm, leaves ensiform, flowers pink with red lines on the lower lobes; 12-1; high alt. slopes, northern Cedarberg.
lesliei L. Bolus - 350-650 mm, leaves linear, with 1-2 nerves, flowers bright red, actinomorphic; 2-4; mountain slopes near Ceres.
nervosa (Baker) G. Lewis - (witkalossie); 0,5-1 m, leaves linear, with 2-3 nerves, flowers long-tubed, pale yellow or cream; 12-1; rocky mountain slopes, Porterville to Caledon, Cold Bokkeveld.
nemorosa (E. Meyer ex Klatt) G. Lewis - 1-1,5 m, leaves ensiform, with 5-7 nerves, flowers yellow; 11-1; rocky slopes, Olifants River Valley and Cedarberg.
parviflora (Jacq.) G. Lewis - 150-400 mm, leaves linear, with 1-2 nerves, flowers yellow and brown; 11-1; sandy and stony soils, Clanwilliam to to Bredasdorp.

pulchella G. Lewis - 200-450 mm, leaves linear to lanceolate, with 1-2 nerves, flowers rose-pink, upper tepal hooded; 12-2; mountains, Tulbagh to Kogelberg.
ramosa Ecklon ex Klatt - (rietpypie); 120-500 mm, leaves linear to lanceolate, with 1-2 nerves, flowers pale to deep pink, darker on lower tepals; 1-4; mountains, Clanwilliam, Caledon to George.
unguicularis (Lam.) G. Lewis - 200-580 mm, leaves linear-lanceolate, with 1-3 nerves, flowers cream with pink markings; 12-3; Peninsula to Bredasdorp.

WATSONIA ca 50 sp - Namaqualand to Transvaal, mainly S W Cape

aletroides Ker Gawler - (kanolpypie); 300-450 mm, flowers red, pendulous; 9-11; clay and shale soils, mainly renosterveld, S Cape, Caledon to Knysna.
angusta Ker Gawler - (rooikanolpypie, patryskos); to 1,2 m, flowers red, long-tubed; 11-2; mainly mountain fynbos, Peninsula to Port Elizabeth (E Cape).
ardernei Sander - (witkanol); 0,8-1 m, robust, flowers white, with long tubes; 9-10; wet sandy flats, Romans River, Tulbagh district.
beatricis Mathews & L. Bolus - (aff. **W. pillansii** L. Bolus); to 1,2 m, flowers orange, with long tubes; 12-1; Outeniqua Mts.
brevifolia Ker Gawler - (= **W. caledonica** Baker, **W. albertiniensis** Glover, **W. muirii** E. Phillips); dwarf, 300-400 mm, flowers pink, orange or white; 9-11; coastal fynbos, clay or sand, S Cape, Caledon to Humansdorp.
bulbillifera Mathews & L. Bolus - 1,2-2 m, bulbilliferous at nodes, flowers orange, with long tubes; 9-11; Peninsula, Paarl, Malmesbury.
cooperi (Baker) L. Bolus - (aff. **W. pyramidata** (Andrews) Klatt); to 1 m, flowers pink; 11; vleis, Worcester valley.
distans L. Bolus - (= **W. pauciflora** L. Bolus); 450-600 mm, slender, flowers deep pink; 11-12; mid to upper mountain slopes, Wellington to Viljoens Pass.
dubia Ecklon ex Klatt - to 350 mm, bracts very long and becoming lacerated, flowers pale pink; 10-11; lower slopes, Tulbagh to Paarl.
emiliae L. Bolus - 600-800 mm, flowers pale pink; 11-12; Langeberg Mts., Riversdale.
fergusoniae L. Bolus - to 800 mm, slender, flowers bright orange; 11; limestone hills, Riversdale.
fourcadei Mathews & L. Bolus - (= **W. ryderae** L. Bolus) (suurkanol); to 2 m, flowers pink, red or orange with long tubes, bracts short; 11-1; sandy slopes, Montagu to Port Elizabeth.
fulgens (Andrews) Pers. - to 1,3 m, slender, flowers bright, tubes long; 10-11; streamsides and marshes, Worcester, Caledon to Riversdale.
galpinii L. Bolus - to 1,5 m, flowers short-tubed, red, in dense spikes; 12-5; streamsides, Outeniqua Mts. to Humansdorp.
hysterantha Mathews & L. Bolus - to 800 mm, slender, leaves hysteranthous, flowers red; 5; rocky coastal sites, Malmesbury to Saldanha Bay.
knysnana L. Bolus - to 1,5 m, robust, flowers white, pink or red; 11-2; Outeniqua Mts., Avontuur to Storms River.
longifolia Mathews & L. Bolus - 1,3-2 m, flowers orange, pink or red; 10-2; Knysna to Port Elizabeth (E Cape, S Natal).
marginata (L.f.) Ker Gawler - (kanolpypie); to 1,6 m, leaves broad, flowers actinomorphic, pink, also dwarf white to purple forms; 9-11; sandy soils, Nieuwoudtville to Peninsula, Worcester.
marlothii L. Bolus - 0,8-1 m, flowers red, tubes long; 10-1; rocky slopes, Swartberg Mts.
meriana Mill. - (incl. **W. humilis** Miller, **W. coccinea** Baker, **W. leipoldtii** L. Bolus) (rooikanol, lakpypie, waspypie); 0,35-1,2 m, flowers red, pink or mauve; 9-10; wet flats, vleis and streambanks, Nieuwoudtville to Bredasdorp (Namaqualand).

paucifolia G. Lewis ms. - 300-480 mm, leaves 2-3, narrow, flowers pink; 11-1; mid to upper alt., Worcester to Stellenbosch.
pillansii L. Bolus - to 1,2 m, flowers scarlet, with long tubes; 11-1; slopes and flats, south coast and Outeniqua Mts. to Port Elizabeth (to Natal).
pyramidata (Andrews) Klatt - (suurkanol); to 2 m, robust and branched with purple stems, flowers purple-pink, tubes short; 10-12; mountain slopes, Worcester, Paarl, Peninsula to Bredasdorp.
rogersii L. Bolus - (= **W. middlemostii** L. Bolus); 0,5-1,2 m, slender, flowers purple-pink, tubes short; 10-11; sandy lower slopes, Houw Hoek to Hermanus
roseoalba Ker Gawler - 300-450 mm, dwarf, flowers pink to white; 10-11; sand or clay flats, Malmesbury to Cape Flats.
schlechteri L. Bolus - 350-900 mm, flowers scarlet, tubes long; 11-2; mountain slopes in fynbos, Citrusdal to Stellenbosch, Worcester, Caledon.
spectabilis Schinz - 450-700 mm, flowers large, scarlet, tubes long; 9-11; sandy flats and plateaus, Nieuwoudtville to Stellenbosch.
stanfordiae L. Bolus - 600-750 mm, flowers pink-purple; 10-12; lower to middle slopes, Paarl to Stellenbosch.
stenosiphon L. Bolus - 400-500 mm, slender, flowers bright orange, tubes slender; 10-11; sandy coastal flats, Hermanus to Potberg.
stokoei L. Bolus - to 1 m, flowers few and small, red; 11-1; mountain fynbos, Cold Bokkeveld, Cedarberg.
strictiflora Ker Gawler - to 350 mm, flowers pink; 10-11; flats, Durbanville to Franschhoek.
tabularis Mathews & L. Bolus - to 1,5 m tall, flowers orange or pink, tubes long; 11-12; sandy flats and mountain plateaus, Cape Peninsula.
vanderspuyae L. Bolus - 1-2 m, robust, leaves broad, flowers red, long-tubed; 9-11; montane, rocky sites, Cedarberg to Ceres, Piketberg.
versveldii Mathews & L. Bolus - 1-2 m, robust, leaves broad, flowers pink-purple, tube short; 10-11; Piketberg.
vivipara Mathews & L. Bolus - 1-2 m, flowers red, bulbilliferous at nodes; 10-11; stony flats and plateaus, Cedarberg to Ceres.
westiae L. Bolus - to 120 mm, flowers pink?; 11; Port Elizabeth (poorly known).
wilmaniae Mathews & L. Bolus - (= **W. desmidtii** L. Bolus); 0,8-1,2 m, flowers orange, red or purple; 11-2; fynbos, often wet sites, George to Humansdorp.
wordsworthiana Mathews & L. Bolus - to 1,2 m, flowers dull pink, tubes long; 10; vleis, Tulbagh valley.
zeyheri L. Bolus - (= **W. comptonii** L. Bolus, **W. elimensis** L. Bolus); 0,4-1,2 m, flowers bright orange, with long tubes; 11-1; marshy flats and lower slopes, Peninsula, Caledon to Bredasdorp.

WITSENIA 1 sp - S W Cape

maura Thunb. - (waaiertjie, bokmakieriestert); slender woody shrub, to 2 m, flowers yellow and green; mainly 4-8; marshy coastal flats and lower slopes, Peninsula to Hermanus.

JUNCACEAE

JUNCUS ca 250 sp - cosmopolitan

***?acutus** L. - (rush, biesie); hard tufted perennial, 1-2 m, flowers red to brown; 9-1; saline marshes, widespread except on Cape Peninsula (temperate zones of western hemisphere).

bufonius L. - (toadrush); soft annual, 30-300 mm, flowers green; 10-1; disturbed areas, Clanwilliam to Peninsula, Caledon, Port Elizabeth (OFS, Natal).
capensis Thunb. - (= **J. umbellatus** Adamson); tufted perennial, 60-600 mm, flowers pale with dark keels; 11-4; damp flats and lower slopes, Peninsula to Port Elizabeth (Transkei, introduced in Australia, New Zealand).
***capillaceus** Lam. - tufted perennial, to 300 mm, flowers green; 8-10; disturbed areas, Cape Peninsula (introduced from S America).
cephalotes Thunb. - (= **J. inaequalis** Buchenau, **J. altus** Buchenau, **J. filifolius** Adamson); tufted annual, 60-150 mm, flowers streaked with black or brown; 9-11; damp flats, Malmesbury to Peninsula to Swellendam (Namaqualand).
dregeanus Kunth - (= **J. sonderianus** Buchenau); compact tufted perennial, 10-400 mm, flowers dark brown; 11-12; marshes, Peninsula to Port Elizabeth (to Transvaal, introduced in New Zealand).
***effusus** L. - (rush); tufted perennial, to 1 m, flowers green; 12-3; streambeds or marshes, Peninsula, Swellendam (Natal, Transvaal, cosmopolitan).
exsertus Buchenau - (biesie) (similar to **J. oxycarpus** E. Meyer ex Kunth); tufted perennial, to 600 mm, flowers greenish; 11; streamsides or marshes, Worcester to Oudtshoorn (southern and S tropical Africa).
***imbricatus** Laharpe - (= **J. chamissonis** Kunth); hard tufted perennial, to 600 mm, flowers green; 11-3; disturbed areas, Cape Peninsula (introduced from S America).
kraussii Hochst. - (rush, biesie); hard dark green tufted perennial, 0,2-1 m, flowers brown; 9-1; saline marshes, Peninsula to Port Elizabeth (to Mozambique, Australia, S America).
lomatophyllus Sprengel - (= **J. viridifolius** Adamson); tufted perennial with broad soft leaves, 300-800 mm, flowers dark brown; 10-4; wet sites, Clanwilliam to Port Elizabeth (E Cape to Zimbabwe).
obliquus Adamson - delicate tufted perennial, to 50 mm, flowers with dark brown margins; 9-10; streamsides, Cold Bokkeveld Mts.
oxycarpus Kunth - (= **J. suboxycarpus** Adamson); tufted perennial with soft stems, 400-800 mm, flowers brown; 10-1; streamsides and marshes, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape to Zimbabwe).
punctorius L.f. - hard tufted pale green perennial, to 1,5 m, flowers brown; 10-2; wet places, Clanwilliam, Worcester, Tulbagh to Peninsula, Caledon, Humansdorp (southern and N Africa, Arabia).
rupestris Kunth - small delicate tufted annual, 60-160 mm, flowers yellow; 10-11; damp sandy places, Gifberg, Clanwilliam, Paarl, Stellenbosch, Peninsula.
scabriusculus Kunth - low tufted annual, 60-120 mm, flowers yellow-brown; 11-12; marshes, Piketberg, Paarl, Peninsula, Bredasdorp.
stenopetalus Adamson - tufted annual, 30-140 mm, flowers light brown; 10; damp sandy lower slopes, Tulbagh, Paarl, Peninsula.

PRIONIUM 1 sp - S W to E Cape

serratum (L.f.) Drege ex E. Meyer - (palmiet); robust caulescent shrub, to 2 m, flowers in large panicles, brown; 9-2; marshes, streams and rivers, often forming dense stands, Gifberg to Port Elizabeth (to S Natal).

JUNCAGINACEAE

TRIGLOCHIN ca 14 sp - cosmopolitan

bulbosa L. - perennial with grass-like leaves, 150-400 mm, flowers green, fruit linear; 1-12; damp slopes and flats, Lokenburg to Port Elizabeth (E Cape to tropical Africa, Mediterranean).

striata Ruiz & Pavon - perennial with grass-like leaves, 50-500 mm, flowers green, fruit globose; 11-6; Clanwilliam, Peninsula to Port Elizabeth (E Cape to tropical Africa, Australasia, America).

LEMNACEAE

LEMNA 9 sp - more or less cosmopolitan

gibba L. - (duckweed, damslyk); minute floating aquatic forming large colonies, leaves spongy, flowers minute; 11-12; freshwater pools and dams, Peninsula, Stellenbosch, Knysna, Uitenhage (cosmopolitan).
minor L. - minute floating aquatic forming colonies, leaves thin, flowers minute; 11-12; pools, Uitenhage (cosmopolitan).

SPIRODELA 4 sp - more or less cosmopolitan

punctata (G. Meyer) Thompson - minute floating aquatic forming dense colonies, leaves purple below; freshwater pools, Cape Peninsula (cosmopolitan).

WOLFFIA 7 sp - more or less cosmopolitan

arrhiza (L.) Horkel ex F. Wimmer - minute floating aquatic forming colonies, without roots; freshwater pools, Peninsula, Knysna (Old World).

LILIACEAE

(see Alliaceae, Asparagaceae, Asphodelaceae, Colchicaceae, Dracaenaceae, Eriospermaceae, Hyacinthaceae)

NAJADACEAE

NAJAS 35-50 sp - cosmopolitan

marina L. - submerged aquatic annual, to 600 mm, flowers minute; brackish water, George, Knysna.

ORCHIDACEAE

ACROLOPHIA 9 sp - S W Cape to Zululand

bolusii Rolfe - 300-600 mm, terrestrial, flowers cream and brown; 9-12; sandy flats and hills, Peninsula, George (E Cape).
capensis (Bergius) Fourc. - 300-600 mm, terrestrial, flowers brownish and white; 10-2; flats and lower slopes, Peninsula to Port Elizabeth (E Cape).
cochlearis (Lindley) Schltr. & Bolus - to 600 mm, terrestrial, flowers yellow and brown; 11-1; rocky grassland, Mossel Bay to Port Elizabeth (E Cape to Natal).
lunata Schltr. & Bolus - 300-750 mm, terrestrial, flowers mauve and white or rose; 10-11; upper mountain slopes, George, Knysna.
micrantha (Lindley) Schltr. & Bolus - 300-450 mm, flowers brown and white; 9-2; coastal sand or rocky hillsides, Caledon to Knysna, Long Kloof (E Cape).
ustulata (Bolus) Schltr. & Bolus - 50-150 mm, flowers dark purple-brown; 10-12; sandy flats, Cape Peninsula, George.

ANGRAECUM ca 200 sp - Africa, Madagascar, Mascarene Is.

conchiferum Lindley - epiphyte, 100-200 mm, flowers white, solitary; 9-10; Knysna (E Cape to S tropical Africa).
pusillum Lindley - dwarf epiphyte, flowers small, cream; 2-3; Swellendam to Port Elizabeth (widespread in southern Africa).
sacciferum Lindley - epiphyte with short scapes, flowers greenish-yellow; 3-6; Knysna, Uniondale (E Cape to tropical Africa).

ANOCHILUS 3 sp - S W to E Cape, Namaqualand, Karoo

hallii Schelpe - to 350 mm, flowers green and dark purple, in dense spikes; 9-10; sandy flats, Clanwilliam (W Karoo, Namaqualand).
inversus (Thunb.) Rolfe - 200-450 mm, flowers greenish-yellow, in dense spikes; 9-10; lower sandy slopes, Nieuwoudtville to Worcester, Piketberg to Caledon (W Karoo, Namaqualand).

BARTHOLINA 2 sp - S W to E Cape, Namaqualand

burmanniana (L.) Ker Gawler - (spider orchid, spinnekopblom); 70-200 mm, dwarf with one prostrate leaf, flowers solitary, mauve, lip much-divided; 8-10; flats and lower slopes, Nieuwoudtville to Peninsula, Caledon, Humansdorp, Uitenhage (E Cape).
etheliae Bolus - (spider orchid); 100-300 mm, dwarf with one prostrate leaf, flowers solitary, lilac or whitish, lip much-divided with swollen tips; 8-1; lower slopes, Tulbagh and Peninsula to Port Elizabeth (W Karoo, Namaqualand).

BONATEA 20 sp - Africa, Arabia

speciosa (L.f.) Willd. - (moederkappie, Oktoberlelie); to 1 m, robust and leafy, flowers green and white, in dense racemes; 10-11; damp shady lower slopes, Malmesbury, Peninsula to Port Elizabeth (E Cape to Transvaal).

BROWNLEEA 6 sp - S Cape to tropical Africa, Madagascar

recurvata Sonder - 200-500 mm, slender, flowers white to pink; 2-4; moist well-drained soils, George to Uitenhage (E Cape, Transkei, Lesotho).

CALANTHE ca 100 sp - pantropical and subtropical

sylvatica (Thouars) Lindley - 300-600 mm, leaves large, pleated, flowers lilac; 1-2; forest shade, Knysna, Humansdorp (E Cape to tropical Africa).

CERATANDRA 3 sp - S W to E Cape

atrata (L.) Durand & Schinz - to 300 mm, leaves narrow, flowers greenish-yellow, in dense spikes; 11-1; flats to middle slopes, esp. after fires, Piketberg, Ceres to Paarl, Peninsula to Knysna.
globosa Lindley - to 400 mm, leafy stems, leaves narrow, flowers white, pink on reverse, in dense spikes; 11-1; upper slopes, Clanwilliam to Humansdorp.
grandiflora Lindley - 150-250 mm, leaves narrow, flowers bright yellow in dense spikes; 11-2; lower slopes, George to Port Elizabeth (E Cape).

CORYCIUM 17 sp - S W Cape to Transvaal

bicolorum (Thunb.) Sw. - 90-350 mm, flowers small, yellow, in dense spikes; 10-11; lower slopes, Ceres to Paarl, Peninsula to Knysna.
bifidum Sonder - 150-450 mm, flowers white; 11-1; Peninsula (extinct?), Caledon.
carnosum (Lindley) Rolfe - 150-450 mm, flowers mauve; 11-1; mountain slopes, esp. after fires, Paarl, Peninsula to Humansdorp.
crispum (Thunb.) Sw. - to 300 mm, leaves crisped, flowers yellow; 9-10; sandy flats or lower slopes, Clanwilliam to Peninsula (Namaqualand).
deflexum (Bolus) Rolfe - 120-200 mm, flowers greenish-yellow; 10; Clanwilliam.
dracomontanum Parkman & Schelpe - to 200 mm, flowers greenish; 11-3; lower slopes, Knysna (E Cape to Transvaal).
excisum Lindley - to 260 mm, flowers greenish-yellow; 10-12; moist flats, Clanwilliam to Peninsula, Caledon to Bredasdorp.
microglossum Lindley - 150-300 mm, flowers brown and green; 11; sandy lower slopes, Tulbagh, Paarl, Peninsula (extinct?).
nigrescens Sonder - 150-600 mm, flowers dark purple to blackish; 12-1; George to Humansdorp (E Cape to Transvaal).
orobanchoides (L.f.) Sw. - 100-300 mm, flowers greenish with dark red tips; 8-10; sandy lower slopes, Gifberg to Peninsula, Caledon (E Cape).
rubiginosum (Sonder) Rolfe - 180-260 mm, flowers dull red; 10-1; lower to middle slopes, Tulbagh to Peninsula, Caledon.
vestitum Sw. - to 250 mm, flowers in dense spikes, colour unknown; ?; sand dunes, Piketberg (poorly known).

CYRTORCHIS ca 70 sp - S Cape to tropical Africa, Mascarene Is.

arcuata (Lindley) Schltr. - (tree orchid); robust epiphyte, leaves to 150 mm, flowers white, spikes decumbent; 12-5; forest and steep slopes, Knysna to Port Elizabeth (E Cape to Transvaal).

DISA ca 80 sp - Africa, Madagascar, Mascarene Is.
(incl. **Orthopenthea, Penthea**)

aconitoides Sonder - 250-600 mm, flowers mauve with darker spots; 11-12; well-drained grassland, George to Humansdorp (E Cape to tropical Africa).
atricapilla (Harvey ex Lindley) Bolus - 50-300 mm, flowers white, red and black; 11-1; seasonal marshes on flats and slopes, Cedarberg to Swellendam, Swartberg Mts.
begleyi L. Bolus - 50-100 mm, flowers pale pink with darker specks; 12-1; mountain plateaus, Stellenbosch.
bivalvata (L.f.) Durand & Schinz - 100-450 mm, flowers white and dark red; 10-1; marshes and damp mountain slopes, Stellenbosch, Peninsula to Uniondale.
bodkinii Bolus - 50-250 mm, flowers purple-brown to blackish; 10-11; middle slopes, Stellenbosch, Peninsula.
brachyceras Lindley - 30-70 mm, flowers white; 8-9; mountain slopes, Ceres, Caledon, Bredasdorp.
brevipetala Linder - to 200 mm, flowers purple with darker spots; 10-11; coastal flats, Kleinmond (poorly known).
cardinalis Linder - 300-600 mm, flowers bright red, attractive; 10-12; streambanks, Langeberg Mts.
caulescens Lindley - 100-400 mm, flowers white with maroon bars; 11-1; streambanks at middle to upper alt., Cedarberg, Ceres, Paarl.
chrysostachya Sw. - to 1 m, stems thick, flowers orange-red; 10-1; damp flats, Swellendam to Port Elizabeth (E Cape to Transvaal).

cornuta (L.) Sw. - (incl. **D. macrantha** Bolus); to 1 m, flowers mauve, white and black; 9-2; well-drained flats and slopes, Clanwilliam to Port Elizabeth (E Cape to tropical Africa).

cylindrica (Thunb.) Sw. - 80-350 mm, stems slender, flowers green; 10-2; flats to upper slopes, esp. after fires, Tulbagh, Peninsula to Humansdorp.

draconis (L.f.) Sw. - (lilac disa); to 600 mm, flowers cream to mauve with purple to reddish markings; 10-1; sandy flats and slopes, Clanwilliam to Peninsula, Caledon, Swartberg Mts. (Namaqualand).

elegans Sonder ex Reichb. f. - 200-600 mm, flowers white, maroon and yellow; 11-12; marshes at high alt., Clanwilliam, Ceres, Swartberg Mts.

esterhuyseniae Schelpe ex Linder - to 300 mm, slender, flowers greenish and brown; 1-2; gravelly upper slopes, Cedarberg, Ceres, Tulbagh, Worcester.

fasciata Lindley - 50-250 mm, flowers white with purplish spots; 9-11; flats to middle slopes, Peninsula, Caledon, Riversdale.

ferruginea (Thunb.) Sw. - (red cluster disa, monnikskappie); 200-500 mm, flowers red or orange; 2-4; stony upper slopes, Paarl, Peninsula to Riversdale.

filicornis (L.f.) Thunb. - 50-250 mm, flowers white or pink; 11-1; mountain slopes, Cedarberg to Uniondale, Swartberg Mts.

gladioliflora Burchell ex Lindley - 250-500 mm, slender, flowers white or pale pink, often with darker markings; 1-5; mountain slopes, Swellendam to Uniondale (to Transkei).

glandulosa Burchell ex Lindley - 60-200 mm, flowers pink with red spots; 12-1; wet cliffs or marshes at mid to upper alt., Paarl, Peninsula to Humansdorp.

hallackii Rolfe - to 500 mm, robust, flowers green, white and purplish; 10-11; coastal sand, Peninsula, Swellendam, Port Elizabeth, rare.

lineata Bolus - (resembles **D. neglecta** Sonder); 100-400 mm, flowers light brown and purple; 9-11; rock ledges, Cedarberg to Peninsula, Caledon.

longicornis L.f. - (drip disa, bloumoederkappie); to 200 mm, flowers solitary, blue to purple; 12-1; damp rocks on upper slopes, Peninsula, Stellenbosch.

longifolia Lindley - 120-400 mm, fairly robust, flowers white; 10; damp middle slopes, Piketberg, Ceres, Worcester.

maculata L.f. - 60-300 mm, flowers solitary, white or blue with purple markings; 10-11; shaded rocky middle slopes, Piketberg, Ceres, Peninsula, Caledon.

marlothii Bolus - 150-350 mm, flowers purple, speckled; 12-1; streambanks on mid or upper slopes, Ceres, Worcester, Uniondale.

micropetala Schltr. - 60-300 mm, flowers minute, white and purple or dark red, in dense spikes; 11-12; rock ledges at high alt., Paarl, Peninsula to Swellendam, Humansdorp.

minor (Sonder) Reichb. f. - 50-100 mm, slender, flowers pink; 12; marshes at high alt., Ceres, Tulbagh.

neglecta Sonder - 90-180 mm, slender, flowers dull yellow with purple?; 11-12; upper slopes, Worcester, Tulbagh (poorly known).

obtusa Lindley - 60-400 mm, flowers white to brown or purple, often spotted; 8-10; seeps at middle or high alt., esp. after fires, Paarl, Peninsula to Swellendam, Swartberg Mts., Humansdorp.

ocellata Bolus - 50-300 mm, flowers white with brown markings; 11-12; rare on mountain summits, Paarl, Peninsula, Swartberg Mts.

oligantha Reichb. f. - 40-150 mm, slender, flowers cream and yellow; 12-1; upper slopes, Paarl, Peninsula.

ovalifolia Sonder - 50-250 mm, flowers pink; 9-10; sandy mountain slopes, Clanwilliam, Ceres, Malmesbury.

patens (L.f.) Thunb. - 50-300 mm, slender, flowers bright yellow; 11-2; mossy slopes and rocks, Ceres to Peninsula, Caledon, Riversdale.

pillansii L. Bolus - 150-300 mm, slender, flowers magenta or lilac; 9-12; streamsides or cliffs at mid to upper alt., Caledon.

racemosa L.f. - 0,3-1 m, slender, flowers bright pink; 9-1; marshes from sea level to high alt., Tulbagh, Peninsula to Port Elizabeth (E Cape).
richardiana Lehm. ex Bolus - 40-300 mm, slender, flowers white and yellow; 9-11; rock ledges and cliffs at mid to high alt., Peninsula, Caledon.
rosea Lindley - 60-200 mm, stems flexuose, flowers white or pink; 10-12; mountains in rock crevices and ledges, Peninsula, Caledon.
sagittalis (L.f.) Sw. - 70-300 mm, flowers white or mauve; 4-1; rocky streamsides, Swellendam to Port Elizabeth (E Cape, Transkei).
salteri G. Lewis - 150-600 mm, slender grass-like, flowers greenish-brown; 4-5; mountain slopes, Cedarberg, Peninsula, Ladismith.
schizodioides Sonder - 50-250 mm, flowers often solitary, white to violet-mauve; 12-1; high alt., Swellendam, Ladismith, Uniondale.
subtenuicornis Linder - 130-250 mm, robust, flowers white with purple-red lines; 12; upper slopes, Langeberg Mts. at Riversdale.
telipogonis Reichb. f. - 30-100 mm, stem flexuose, flowers yellow; 10-2; rock crevices at mid to high alt., Cedarberg, Paarl, Peninsula.
tenella Lindley - 30-150 mm, slender, flowers white or pink; 8-9; wet flats to upper slopes, Gifberg, Cedarberg to Peninsula.
tenuicornis Bolus - 120-500 mm, robust, flowers white with purple-red spots; 10; mid to upper slopes, Peninsula, Caledon.
tenuis Lindley - (= **Amphigenia tenuis** (Lindley) Rolfe); to 500 mm, reed-like, flowers greenish-brown to white; 3-5; coastal to high alt., Peninsula, Caledon.
triloba Lindley - 60-200 mm, flowers mauve with darker markings; 10-1; upper alt., Cedarberg, Worcester, Caledon.
tripetaloides (L.f.) N.E. Br. - 100-600 mm, flowers white, pink or bright yellow; 11-2; mountain streambanks or seeps, Caledon to Port Elizabeth (E Cape to Natal).
uncinata Bolus - 100-500 mm, stem slender and flexuose, flowers white; 10-1; damp cliffs at middle alt., Cedarberg to Humansdorp.
uniflora Bergius - (red disa, bakkiesblom); to 750 mm, flowers large, red, occ. yellow, with darker spotting; 1-3; streambanks, marshes and wet cliffs, mid to upper alt., Clanwilliam to Caledon.
vaginata Lindley - 50-200 mm, flowers rose-pink with red spots; 10-12; rocky mountain slopes, Ceres and Peninsula to Uniondale.
vasselotii Bolus ex Schltr. - 80-250 mm, flowers white with pink and yellow bars; 11-12; steep mountain slopes, Swellendam to Humansdorp.
venosa Sw. - 300-500 mm, slender, flowers pale pink with darker markings; 11; marshes at mid to upper alt., Clanwilliam to Peninsula, Caledon.

DISPERIS ca 75 sp - Africa to New Guinea

bodkinii Bolus - 70-120 mm, flowers small, green and white; 7-10; shady flats and lower slopes, Cape Peninsula.
bolusiana Schltr. - 100-200 mm, flowers greenish-yellow; 8-10; lower slopes, Ceres, Worcester, Piketberg to Stellenbosch.
capensis (L.f.) Sw. - (moederkappie); 150-350 mm, flowers purple to magenta, occ. cream; 7-10; mountain slopes, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape, Transkei).
circumflexa (L.) Durand & Schinz - 80-200 mm, flowers yellow-green; 8-10; sandy lower slopes, Gifberg, Clanwilliam to Peninsula.
cucullata Sw. - (moederkappie, oumakappie); 80-150 mm, flowers yellow-green; 8-10; flats and lower slopes, Clanwilliam to Peninsula.
disaeformis Schltr. - 70-160 mm, flowers whitish; 7-11; dense shade, Riversdale to Knysna (E Cape, Natal).

macowanii Bolus - 70-150 mm, flowers purplish or white; 6-7; steep rocky slopes, Mossel Bay, George (E Cape to Natal, Tanzania).
macrocorys Rolfe - 100-500 mm, flowers pale yellow; 10; lower slopes, Cedarberg.
paludosa Harvey - 150-450 mm, racemes several-flowered, flowers magenta and green; 10-1; marshes, Paarl, Peninsula to Port Elizabeth (E Cape, Transkei).
purpurata Reichb. f. - 50-150 mm, flowers purple; 7-10; mountain slopes, Ceres, Witteberg (W Karoo, Namaqualand).
villosa (L.f.) Sw. - (moederkappie, oumakappie); to 250 mm, racemes with 1-3 flowers, flowers yellow to greenish; 8-9; moist sandy flats and slopes, Cedarberg to Swellendam (E Cape).

EULOPHIA ca 200 sp - pantropical and subtropical

aculeata (L.f.) Sprengel - (aandblommetjie); 80-300 mm, flowers cream or greenish; 11-1; marshes, Peninsula to Port Elizabeth (E Cape to Transvaal).
clavicornis Lindley - 150-900 mm, flowers white, blue-purple or yellow; 9-1; grassy often marshy slopes, George to Uitenhage (to tropical Africa, Madagascar).
litoralis Schltr. - 200-600 mm, leaves vestigial, flowers yellowish-green, purple and yellow; 10-1; coastal dunes, Caledon to Knysna.
ovalis Lindley - 150-500 mm, flowers purple to green and white or yellow; 10-4; Uitenhage, Port Elizabeth (E Cape to S tropical Africa).
parviflora (Lindley) A.V. Hall - 200-500 mm, flowers yellow, green and brown; 8-12; Knysna?, Humansdorp, Port Elizabeth (E Cape to Transvaal).
platypetala Lindley - 250-450 mm, flowers greenish-yellow and purple; 10-11; coastal renosterveld or grassland, Riversdale to Port Elizabeth (E Cape).
speciosa (R. Br. ex Lindley) Bolus - 400-600 mm, flowers golden; 7-3; coastal flats, George to Port Elizabeth (E Cape to Transvaal).
streptopetala Lindley - to 1 m, flowers yellow, green and purplish-brown; 9-2; coastal bush, Uitenhage, Port Elizabeth (E Cape to tropical Africa).
tabularis (L.f.) Bolus - 250-450 mm, flowers yellow or greenish; 11-1; Clanwilliam to Paarl, Peninsula to Humansdorp.
tenella Reichb. f. - 150-600 mm, flowers dull yellow, green and purple; 11-12; coastal grassland, Uitenhage (E Cape to Zimbabwe).
tuberculata Bolus - 150-400 mm, flowers yellowish-green, purple, white and reddish; 7-12; open flats and slopes, Uniondale to Port Elizabeth (E Cape to tropical Africa).

EVOTA 3 sp - S W Cape

bicolor (Sonder) Rolfe - 90-250 mm, flowers yellow and green ; 11-1; sandy middle slopes, after fires, Piketberg, Ceres, Tulbagh to Peninsula, Hermanus.
harveyana (Lindley) Rolfe - to 210 mm, flowers yellow and green; 11-12; marshy slopes, Cape Peninsula, Hermanus.
venosa (Lindley) Schelpe - (= Corycium venosum (Lindley) Rolfe); 150-250 mm, flowers green, red and purple; 10-11; lower to middle slopes, Tulbagh, Caledon.

GASTRODIA ca 20 sp - Asia, Indomalaysia and Australasia

***sesamoides** R. Br. - (potato orchid); almost leafless saprophyte, 160-350 mm, flowers brownish; 10-11; forest, Cape Peninsula (introduced from Australia).

HABENARIA ca 500 sp - pantropical and subtropical

anguiceps Bolus - 150-250 mm, flowers greenish; 1-2; Humansdorp, Uitenhage (E Cape).

arenaria Lindley - 250-450 mm, flowers green; 5-7; sandy coastal flats and slopes, Swellendam, Humansdorp (E Cape to Transvaal).
falcicornis (Lindley) Bolus - to 1 m, flowers green and white; 12-2; flats or lower slopes, George to Uitenhage (E Cape to Natal).
laevigata Lindley - 250-450 mm, flowers greenish-yellow; 12; grassland, Port Elizabeth? (E Cape to Transvaal).

HERSCHELIA ca 16 sp - S W Cape to E tropical Africa

barbata (L.f.) Bolus - (ouman-met-sy-baard); 250-500 mm, flowers white or pale blue; 10-11; damp coastal flats, Malmesbury to Peninsula.
forcipata (Schltr.) Kranzlin - 600 mm, flowers greenish-yellow; Knysna? (poorly known).
forficaria (Bolus) Linder - (= **Forficaria graminifolia** Lindley); to 500 mm, flowers greenish-red with maroon; 1-2; well-drained slopes, Peninsula, Caledon.
graminifolia (Sprengel) Durand & Schinz - (blue disa, bloumoederkappie); 0,5-1 m, flowers blue or violet-purple with green, occ. white; 12-3; mountain slopes, Worcester, Peninsula to Uniondale.
hians (L.f.) A.V. Hall - (= **H. lacera** (Sw.) Fourc.) (bloumoederkappie); 400-600 mm, flowers various shades of blue; 12-2; flats to upper slopes, Riversdale to Port Elizabeth.
lugens (Bolus) Kranzlin - (bloumoederkappie); 0,45-1 m, flowers cream, green, mauve and white or purplish-black; 10-1; coastal flats, Peninsula to Port Elizabeth (E Cape).
multifida (Lindley) Rolfe - (oupa-met-sy-pyp); 400-600 mm, flowers blue and green, with very long lip; 11-12; mountain slopes, Cedarberg to Stellenbosch, Caledon, Swartberg Mts.
newdigateae (L. Bolus) Linder - (= **Forficaria newdegateae** L. Bolus); to 500 mm, flowers greenish-red and maroon; 3-4; coastal slopes, Knysna.
purpurascens (Bolus) Kranzlin - (bloumoederkappie); 250-500 mm, flowers blue, purplish and yellow or green; 10-11; coastal flats, Peninsula, Caledon.
schlechteriana (Bolus) Linder - to 600 mm, flowers large, cream with mauve veins; 12; rocky middle slopes, Langeberg Mts.
spathulata (L.f.) Rolfe - (harslaggie, oupa-en-sy-pyp); 120-300 mm, flowers maroon to lime-green and blue, lip long and spathulate; 9-10; flats and slopes, Nieuwoudtville to Piketberg, Tulbagh, Paarl, Caledon, Uniondale.
venusta (Bolus) Kranzlin - 300-600 mm, flowers blue; 10-1; damp sandy flats, Peninsula, Caledon (E Cape mts.).

HOLOTHRIX ca 55 sp - tropical and S Africa, Arabia

aspera (Lindley) Reichb. f. - to 100 mm, flowers white; 7-9; flats and plateaus under bushes, Nieuwoudtville to Clanwilliam, Ceres (Namaqualand, Namibia).
brevipetala Immelman & Schelpe - (= **H. hispidula** (L.f.) Durand & Schinz); 60-300 mm, flowers yellow-green; 8-4; sand or shallow rock crevices, Ceres, Peninsula to Humansdorp.
burchellii (Lindley) Reichb. f. - (jakkalstert, tryphia); 150-450 mm, flowers yellowish-green, dimorphic with upper having elongate tepals; 10-11; flats and lower slopes, Swellendam to Port Elizabeth (E Cape, Transkei).
cernua (Burm. f.) Schelpe - (= **H. squamulosa** Lindley); 100-250 mm, flowers brown or greenish; 10-11; damp flats or lower slopes, Ceres, Peninsula to Port Elizabeth.
exilis Lindley - 100-250 mm, flowers yellow-green; 9-12; lower to middle alt., Peninsula, George to Port Elizabeth (E Cape).

grandiflora (Sonder) Reichb. f. - to 300 mm, robust, flowers creamy-white; 2-3; rock crevices at low alt., Clanwilliam (S Namaqualand).
mundii Sonder - 80-120 mm, flowers white; 9-11; shady mountain slopes, Tulbagh, Peninsula, Swellendam to Humansdorp.
parviflora (Lindley) Reichb. f. - 30-250 mm, flowers white; 7-9; usually near streams, Montagu, Knysna to Port Elizabeth (E Cape).
pilosa (Burchell ex Lindley) Reichb. f. - 300-450 mm, flowers yellowish; 11-1; dry flats and slopes, Swellendam to Humansdorp, Ladismith to Uniondale.
schlechteriana Kranzlin - 150-400 mm, flowers greenish-yellow; 11-12; lower stony slopes, Humansdorp (Karoo, E Cape, Namaqualand).
secunda (Thunb.) Reichb. f. - (tryphia); 150-450 mm, flowers white or creamy-yellow; 7-10; dry rocky lower slopes and plateaus, Gifberg, Clanwilliam, Botterkloof, Robertson, Swellendam (Karoo, Namaqualand).
villosa Lindley - (incl. **H. condensata** Lindley); 100-300 mm, flowers green to yellow; 8-12; lower slopes, Clanwilliam to Humansdorp (Karoo).

LIPARIS ca 250 sp - cosmopolitan

capensis Lindley - 80-140 mm, flowers greenish; 4-7; lower slopes, Peninsula to Humansdorp (E Cape?).
remota J. Stewart & Schelpe - to 150 mm, slender, flowers brown and yellow; 2; forest, Knysna (E Cape to Swaziland).

MONADENIA ca 21 sp - S W Cape, Namaqualand to Malawi, Madagascar

atrorubens (Schltr.) Rolfe - 100-400 mm, leaves and stems dark red, flowers red and almost black; 8-10; sandy flats, Nieuwoudtville to Malmesbury, Caledon (W Karoo).
bolusiana (Schltr.) Rolfe - 150-300 mm, flowers greenish; 10-1; upper slopes and summits, Wellington, Peninsula to Riversdale.
bracteata (Sw.) Durand & Schinz - (incl. **M. micrantha** Lindley); 300-500 mm, flowers green and reddish; 9-11; flats and mountains, often disturbed areas, Clanwilliam to Port Elizabeth (E Cape).
brevicornis Lindley - 200-500 mm, flowers green, maroon and brown; 11-2; Knysna to Port Elizabeth (E Cape to tropical Africa, Madagascar).
cernua (Thunb.) Durand & Schinz - to 600 mm, robust, flowers cream, green and maroon; 9-11; marshy coastal areas, Peninsula to Humansdorp.
comosa Reichb. f - 80-600 mm, erect or flexuose, flowers greenish, occ. reddish; 9-11; mountains, rock ledges and crevices, Ceres to Peninsula, Caledon, Swartberg Mts., Knysna.
conferta (Bolus) Kranzlin - 80-220 mm, stems and leaves dark red, flowers minute, green fading red; 9-12; lower slopes, Peninsula to Caledon.
densiflora Lindley - (incl. **M. multiflora** Sonder and **M. auriculata** (Bolus) Rolfe); 75-350 mm, flowers dull green and rusty red; 9-12; flats and slopes, Paarl to Peninsula, Knysna to Humansdorp.
ecalcarata G. Lewis - to 150 mm, flowers green, occ. tinged red; 10; damp rocky middle slopes, Cape Peninsula (poorly known).
ophrydea Lindley - to 400 mm, stems and leaves dark red, flowers purple-red; 10-11; flats to upper coastal slopes, Peninsula to Humansdorp.
physodes (Sw.) Reichb. f. - 250-600 mm, robust, flowers green and maroon; 9-10; flats to upper slopes, Ceres to Peninsula (Namaqualand).
pygmaea (Bolus) Durand & Schinz - 45-150 mm, flowers green and brown; 10-11; sandy low to upper slopes, Peninsula, Caledon.

reticulata (Bolus) Durand & Schinz - 80-400 mm, flowers green, occ. with maroon tints; 11-12; damp slopes, Peninsula to Swellendam, Montagu, Oudtshoorn, George.
rufescens (Sw.) Lindley - 140-400 mm, flowers green and purple; 9-12; flats to upper slopes, Malmesbury, Peninsula to Swellendam.
sabulosa (Bolus) Kranzlin - 80-200 mm, flowers greenish; 10-11; damp flats, Peninsula, Caledon.

MYSTACIDIUM ca 12 sp - Knysna to tropical Africa

capense (L.f.) Schltr. - (= **M. filicorne** Lindley) (tree orchid); stout epiphyte with short leafy stems, flowers cream, on pendulous branches; 9-11; forest, Knysna to Port Elizabeth (E Cape to Transvaal).

PACHITES 2 sp - S W Cape

appressa Lindley - 250-450 mm, flowers lilac with yellow and red markings; 12-2; uppper slopes and summits, Caledon to Riversdale.
bodkinii Bolus - 100-200 mm, flowers deep pink; 11-1; moist middle slopes, Peninsula to Bredasdorp.

POLYSTACHYA ca 200 sp - pantropical and subtropical

ottoniana Reichb. f. - epiphyte, flowers white to pink with mauve and yellow lines; 8-12; coastal forest, Swellendam to Humansdorp (E Cape to Transvaal).
pubescens (Lindley) Reichb. f. - to 200 mm, epiphyte, flowers yellow with brown stripes; 6-12; coastal forest, Uitenhage, Port Elizabeth (E Cape to Transvaal).

PTERYGODIUM ca 15 sp - southern and S tropical Africa

acutifolium Lindley - 150-600 mm, flowers cream to yellow; 10-12; marshy lower to middle slopes, Piketberg, Peninsula to Humansdorp.
alatum (Thunb.) Sw. - to 150 mm, flowers greenish-yellow; 8-10; lower slopes, Clanwilliam to Humansdorp.
caffrum (L.) Sw. - 150-300 mm, flowers bright yellow; 10-12; damp lower slopes, Ceres, Malmesbury, Paarl, Peninsula to Knysna.
catholicum (L.) Sw. - (moederkappie); 120-300 mm, flowers sulphur-yellow, turning reddish, occ. cream; 8-11; damp often clay flats or lower slopes, Nieuwoudtville to Port Elizabeth.
connivens Schelpe - to 200 mm, flowers greenish; 10-11; marshy areas, Cape Peninsula, rare.
cruciferum Sonder - 150-250 mm, flowers sulphur or cream; 9-12; lower slopes, Malmesbury, Peninsula, Caledon.
newdigateae Bolus - (blind orchid); 150-300 mm, flowers greenish; 11; Knysna to Uniondale (E Cape).
pentherianum Schltr. - 100-150 mm, flowers sulphur-yellow; ?; flats and lower slopes, Clanwilliam to Piketberg.
platypetalum Lindley - 50-150 mm, flowers cream; 9-10; mountain slopes and plateaus, Ceres, Piketberg to Worcester, Witteberg, Peninsula to Swellendam.
volucris (L.f.) Sw. - (= **Ommatodium volucris** Lindley); 150-450 mm, flowers many, pale yellow; 9-10; Clanwilliam to Peninsula, Worcester, Caledon, Swellendam (W Karoo?).

SATYRIDIUM 1 sp - S W Cape

rostratum Lindley - 200-400 mm, flowers white or lilac with purple dots; 10-12; marshy mountain slopes, Worcester, Paarl, Peninsula to Caledon.

SATYRIUM ca 135 sp - Africa to Far East

acuminatum Lindley - 200-750 mm, flowers white, occ. maroon; 9-12; coastal flats to upper slopes, Montagu, Swartberg Mts., Caledon to Port Elizabeth (E Cape).
bicallosum Thunb. - 90-300 mm, flowers whitish, occ. tinged green, yellow or pink; 8-11; flats and slopes, Ceres to Paarl, Piketberg, Peninsula to Humansdorp.
bicorne (L.) Thunb. - (ewwa-trewwa); 250-450 mm, flowers pale yellow; 9-11; sandy flats or lower slopes, Gifberg to Paarl, Peninsula to Knysna (Namaqualand).
bracteatum (L.f.) Thunb. - (incl. **S. saxicolum** Bolus); 70-250 mm, usually dwarf, flowers brown with red stripes; 8-11; damp flats and rock crevices at low to middle alt., Ceres to Peninsula, Caledon to Humansdorp (E Cape to Transvaal).
candidum Lindley - (ruik-ewwa-trewwa, wit ewwa-trewwa); 250-450 mm, flowers white, occ. tinged mauve or pink; 9-11; flats to upper slopes, Piketberg to Peninsula, Caledon, Montagu, George to Uniondale.
carneum (Dryander) Sims - (rooikoppie, rooitrewwa); to almost 1 m, robust, flowers pink; 9-12; sand dunes or lower coastal slopes, Malmesbury, Peninsula to Riversdale.
coriifolium Sw. - (ewwa-trewwa); to 600 mm, flowers orange; 7-10; widespread on sandy flats and lower slopes, Nieuwoudtville to Humansdorp (E Cape).
erectum Sw. - (geelkappie, geeltrewwa); to 450 mm, flowers pink with darker spots; 8-10; lower slopes, Nieuwoudtville to Worcester, Witteberg, Tulbagh to Peninsula, Ladismith, George to Uitenhage (Namaqualand).
foliosum Sw. - 200-350 mm, flowers pale yellow; 12-2; upper slopes, Peninsula, Caledon.
hallackii Bolus - 300-600 mm, flowers pink; 12-1; sand dunes, Peninsula (extinct?), Caledon, Knysna, Port Elizabeth (E Cape to Transvaal).
humile Lindley - (incl. **S. ochroleucum** Bolus); 150-450 mm, flowers cream to pale pink; 9-11; mountain slopes, Worcester, Ceres to Paarl, Peninsula to Riversdale.
ligulatum Lindley - 200-450 mm, flowers cream with brown tips; 8-12; flats and lower slopes, Clanwilliam to Peninsula, Worcester, Caledon to Humansdorp (E Cape to Natal).
longicauda Lindley - 170-800 mm, flowers white or pink; 12-2; Knysna (E Cape to Transvaal).
longicolle Lindley - (= **S. maculatum** Burchell); 150-450 mm, flowers white to pink with maroon markings; 10-12; flats and lower slopes, Riversdale to Port Elizabeth (E Cape).
lupulinum Lindley - 150-450 mm, flowers yellow-brown, occ. cream; 8-12; middle to upper slopes, Peninsula to Humansdorp.
membranaceum Sw. - 250-450 mm, flowers pink; 9-11; flats and lower slopes, Riversdale to Port Elizabeth (E Cape).
muticum Lindley - 200-400 mm, flowers pink with darker tips; 8-11; sandy flats, Albertinia, Knysna.
odorum Sonder - (ruiktrewwa); 200-500 mm, flowers green; 8-11; shady flats or lower slopes, Piketberg, Peninsula to Knysna.
outeniquense Schltr. - to 200 mm, slender, flowers greenish to cream; 10-11; George to Humansdorp.
parviflorum Sw. - 200-650 mm, flowers green or yellowish; 9; flats and slopes, Mossel Bay to Port Elizabeth (E Cape to Transvaal).

princeps Bolus - (rooitrewwa); to 800 mm, flowers pink; 10-11; coastal flats, Knysna to Port Elizabeth.
pumilum Thunb. - (= **Aviceps pumila** (Thunb.) Lindley) (aasblom); 40-70 mm, dwarf, flowers purple-brown; 9-11; mid to upper slopes and plateaus, Nieuwoudtville to Worcester, Tulbagh, Piketberg, Caledon, Riversdale (Namaqualand).
pygmaeum Sonder - 60-150 mm, flowers greenish with red tips; 10-12; mid to upper alt., Tulbagh, Ceres, Worcester, Swartberg Mts., Caledon to George.
retusum Lindley - (incl. **S. lindleyanum** Bolus and **S. debile** Bolus); 40-300 mm, flowers white or greenish with red tints; 9-11; flats to middle slopes, Tulbagh, Paarl, Peninsula to Port Elizabeth.
rupestre Schltr. - 150-450 mm, flowers white; 11-12; mountain slopes, Worcester, Ladismith, George, Humansdorp.
stenopetalum Lindley - (incl. **S. marginatum** Bolus); 150-450 mm, flowers white or cream; 9-12; riverbanks or forest margins, Clanwilliam to Peninsula, Caledon to Humansdorp.
striatum Thunb. - 50-150 mm, flowers cream to green with purple stripes; 9-10; sandy flats, Ceres to Peninsula.

SCHIZODIUM 6 sp - S W and S Cape

bifidum (Thunb.) Reichb. f. - (kapotjie); 250-350 mm, flowers pink; 8-10; flats in deep sand, widespread, Clanwilliam to Port Elizabeth.
cornutum (L.) Schltr. - (kapotjie); 80-300 mm, flowers white, occ. rose; 8-9; mountains, Nieuwoudtville to Bredasdorp, excl. Peninsula.
flexuosum (L.) Lindley - (bacon-and-eggs, spek-en-eiers); 150-350 mm, flowers white and yellow; 8-9; sandy flats and plateaus, Nieuwoudtville to Caledon, Peninsula (extinct?).
inflexum Lindley - (kapotjie); 80-350 mm, flowers pink; 9-1; widespread, mainly upper slopes, Nieuwoudtville to Humansdorp.
longipetalum Lindley - 70-200 mm, flowers greenish; 8; gravelly sandstone, Piketberg, Tulbagh, Paarl, rare.
obliquum Lindley - (kapotjie); 50-300 mm, flowers pale pink; 6-11; sandy flats and lower slopes, Ceres, Worcester, Malmesbury to Bredasdorp, Heidelberg.

STENOGLOTTIS ca 4 sp - S Cape to tropical E Africa

woodii Schltr. - (= **Cynorchis macloughlinii** L. Bolus); to 200 mm, flowers pink; 1-2; moist, rocky slopes in forests, George to Knysna (to Natal).

TRIDACTYLE ca 30 sp - S Cape to tropical Africa

bicaudata (Lindley) Schltr. - (= **Angraecum bicaudatum** Lindley); epiphyte, to 300 mm, flowers pale salmon; 12-1; forests, Knysna to Port Elizabeth (E Cape to tropical Africa).

POACEAE

AGROPYRON ca 125 sp - worldwide temperate

distichum (Thunb.) Beauv. - (coastal wheatgrass, sea wheat); perennial, to 800 mm, spikelets glaucous; 11-1; coastal dunes, Peninsula to Port Elizabeth.

AGROSTIS 150-200 sp - mainly temperate and tropical mountains

bergiana Trin. - annual or perennial, to 750 mm, spikelets green to purple; 11-3; damp areas, Clanwilliam, Ceres, Peninsula to Port Elizabeth (S Africa, St. Helena).
lachnantha Nees - annual or perennial, to 900 mm, spikelets green; 11-2; damp areas (widespread in Africa).
polygonoides Stapf - perennial, to 900 mm, spikelets green; 12-2; vleis near sea, Cape Peninsula (possibly extinct).
schlechteri Rendle - perennial, to 400 mm, spikelets green and purple; 1-2; near water, Paarl, Ceres.

AIRA ca 8 sp - Old World, primarily Mediterranean

caryophyllea L. - (silwerhaargras); annual, 30-300 mm, spikelets silvery; 9-12; flats and slopes, Peninsula to Port Elizabeth (widespread in S and tropical Africa, Europe, introduced in New World).

AMMOPHILA 2 sp - N America, Europe, N Africa

***arenaria** (L.) Link - (marramgras); perennial, to 1 m, spikelets straw; 11-12; coastal dunes, Peninsula to Riversdale (introduced from Europe).

ANDROPOGON ca 113 sp - pantropical and subtropical, especially Africa and America

appendiculatus Nees - (blue grass); perennial, 0,3-1,2 m, spikelets purplish; 12-3; damp mid to upper slopes, Clanwilliam to Worcester, Port Elizabeth (E Cape to tropical Africa).
eucomus Nees - (silver-thread grass); perennial, to 500 mm, spikelets silver-white; 1-4; Clanwilliam, Tulbagh, Peninsula to Port Elizabeth (to tropical Africa and Madagascar).

ANTHOXANTHUM 20 sp - north temperate and tropical mountains, Africa, Europe, Asia

dregeanum (Nees ex Trin.) Stapf - (sweet vernal grass); aromatic perennial, to 600 mm, spikelets green; 8-1; upper mountain slopes, Cedarberg, Worcester, Montagu, Paarl, Peninsula.
***odoratum** L. - (sweet vernal grass, reukgras); perennial to 750 mm, spikelets green; 10-11; disturbed ground, Cape Peninsula (introduced from Europe).
tongo (Trin.) Stapf - perennial, to 300 mm, spikelets green; 8-11; damp mountain slopes, Tulbagh, Worcester, Stellenbosch, Peninsula, Caledon.

ARISTIDA 300 sp - mainly tropical and subtropical

diffusa Trin. - (stick grass, besemsteekgras); perennial, 250-500 mm, spikelets green and purple; 9-11; rocky slopes, Clanwilliam to Port Elizabeth (southern Africa).
junciformis Trin. & Rupr. - (wire grass); perennial, 250-500 mm, spikelets green and purple; 1-12; mountain slopes, Cedarberg to Port Elizabeth (southern Africa).

ARUNDO 3 sp - Mediterranean and Taiwan

***donax** L. - (Spanish reed, Spaansriet); robust perennial with broad leaves, to 6 m, spikelets dense, silky, cream or brown; 1-3; riverbanks and wet areas, Peninsula to Port Elizabeth (worldwide, introduced from Mediterranean).

AVENA 27 sp - Mediterranean to Central Asia, widely introduced as weeds and crop plants

***barbata** Brot. - (wild oats, wildebaardhawer); annual, 0,3-1,5 mm, spikelets green; 9-11; common in disturbed areas (introduced from Mediterranean and Asia).
***fatua** L. - (common wild oats, gewone wildehawer); annual, 0,3-1,5 m, spikelets green; 9-11; widespread in disturbed areas (worldwide).
***sativa** L. - (oats, hawer); annual, 0,3-1,6 m, spikelets green; 9-11; widespread in disturbed areas (worldwide, cultivated cereal).

BRACHIARIA ca 90 sp - pantropical and subtropical

serrata (Thunb.) Stapf - (red-topped signal grass, ferweelgras); perennial, 300-750 mm, spikelets green and reddish; 10-12; grassveld, Swellendam to Port Elizabeth (widespread in tropical and southern Africa).

BRACHYPODIUM ca 17 sp - temperate and tropical mountains

***distachyum** (L.) Beauv. - annual, 150-450 mm, spikelets green; 9-12; disturbed areas, Stellenbosch, Peninsula (Namaqualand, introduced from Mediterranean).
flexum Nees - (false brome grass, valsbromus); perennial, 150-900 mm, spikelets green; 8-12; shady slopes, Peninsula to Port Elizabeth (southern Africa to Sudan).

BRIZA 20 sp - N temperate Old World, S America

***maxima** L. - (quaking grass, grootbewertjie); annual, 100-400 mm, spikelets green; 7-12; widespread in disturbed areas (worldwide weed introduced from Mediterranean).
***minor** L. - (little quaking grass, kleinbewertjie); annual, 150-600 mm, spikelets green; 9-12; widespread in disturbed areas (worldwide weed introduced from Europe).

BROMUS 50 sp - temperate

***diandrus** Roth - (ripgut brome, langnaaldbromus); annual, 250-800 mm, spikelets green and purple; 8-2; roadsides, Ceres, Peninsula, Caledon, Uitenhage (southern Africa, introduced worldwide from Mediterranean).
***japonicus** Thunb. - (japanese brome, hooigras); annual, 150-600 mm, spikelets green and purple; 7-11; widespread in disturbed areas (worldwide weed, introduced from Asia).
***catharticus** Vahl - - (= **B. unioloides** Willd., **B. willdenowii** Kunth); annual, 300-900 mm, spikelets green; 1-12; widespread near water or disturbed areas (worldwide weed, introduced from S America).

CATAPODIUM 2 sp - Europe

***rigidum** (L.) C.E. Hubb. - (fern grass); tufted annual, 50-350 mm, spikelets green; 11; shady areas, Peninsula, Caledon (worldwide, introduced from Europe).

CHAETOBROMUS 4 sp - S W Cape to Namaqualand

dregeanus Nees - (ghagras); perennial, to 400 mm, spikelets straw and purple; 9-11; upper slopes, Clanwilliam, Worcester, Peninsula (Namaqualand).
schraderi Stapf - perennial, 300-600 mm, spikelets straw and purple; 10-11; sand dunes, Saldanha, Peninsula.

CYMBOPOGON ca 40 sp - tropical and subtropical Africa, Asia

marginatus (Steudel) Stapf ex Burtt Davy - (lemon grass, scented turpentine grass, motwortelterpentyngras); aromatic perennial, to 800 mm, spikelets yellow and red; 10-5; rocky lower slopes, Tulbagh, Peninsula to Port Elizabeth (N Cape, Transvaal).
nardus (L.) Rendle - (= C. **validus** Stapf ex Burtt Davy) (giant turpentine grass, tamboekiegras); aromatic perennial, 1-2 m, spikelets green, brown and purple; 10-11; damp areas, Port Elizabeth (southern Africa to India and Burma).

CYNODON 8 sp - tropical and subtropical

dactylon (L.) Pers. - (couch, gewone kweekgras); perennial lawn grass, 80-400 mm, spikelets purple and brown; 12-4; varied alt., widespread (to tropical Africa).

DESCHAMPSIA 60 sp - mainly N temperate, also tropical mountains

***flexuosa** Trin. - perennial, to 200 mm, spikelets green; 3; high alt., Ladismith (Eurasia, tropical Africa, probably introduced).

DIGITARIA ca 200 sp - pantropical and subtropical

argyrorapta (Nees) Stapf - (silver finger grass, kweek); perennial, 200-600 mm, spikelets silver-green; 1-5; flats and slopes, Swellendam, Uitenhage (Karoo, OFS, Transvaal).
eriantha Steudel - (woolly finger grass); perennial, 300-900 mm, spikelets pale green; 12-5; lower to middle slopes, Montagu, Ladismith, Knysna to Port Elizabeth (southern Africa).
natalensis Stent - perennial, to 450 mm, spikelets green and straw; 10-3; ravines, Clanwilliam, Worcester, Tulbagh, George, Port Elizabeth (Natal, Swaziland).
***sanguinalis** (L.) Scop. - (crab grass, kruisgras); spreading annual, 100-500 mm, spikelets green and purple; 1-5; disturbed areas, Paarl, Peninsula, George, Port Elizabeth (cosmopolitan weed).

DIHETEROPOGON 5 sp - S and tropical Africa

filifolius (Nees) W.D. Clayton - perennial, 150-600 mm, spikelets green and purple; 10-11; grassland, Port Elizabeth (E Cape to south tropical Africa).

DIPLACHNE 18 sp - pantropical and subtropical

fusca (L.) Beauv. ex Stapf - (swamp grass); perennial, 0,5-1,5 m, spikelets olive; 9-10; damp areas, Worcester, Stellenbosch (Africa and Old World tropics).

EHRHARTA 27 sp - southern Africa, Mascarene Is.

brevifolia Schrader - annual, 150-450 mm, spikelets greenish; 8-10; sandy flats, Clanwilliam, Peninsula (Namaqualand).

bulbosa Smith - perennial, 200-600 mm, spikelets straw and purple; 10-12; flats and lower slopes, Ceres, Peninsula, Caledon, George.

calycina Smith - (common ehrharta, polgras); perennial or annual, 200-700 mm, spikelets green and pink; 7-12; flats and slopes, Nieuwoudtville to Port Elizabeth (southern Africa).

capensis Thunb. - (knolehrharta); perennial, 300-900 mm, spikelets straw and purple; 9-12; rocky mountain slopes, Ceres and Peninsula to Riversdale.

delicatula (Nees) Stapf - annual, 100-450 mm, spikelets green and purple; 7-12; shady areas, Ceres, Worcester (Karoo, Namaqualand, Namibia).

dodii Stapf - sprawling delicate perennial, spikelets green; 11-1; south-facing rocky upper slopes, Worcester, Stellenbosch, Peninsula, Swellendam.

dura Nees ex Trin. - (brandgras); robust perennial, 400-800 mm, spikelets green; 10-11; lower to middle slopes, after fires, Tulbagh, Caledon to George, Uitenhage.

erecta Lam. - slender sprawling perennial, 200-800 mm, spikelets green; 9-12; varied habitats, Worcester, Peninsula to Port Elizabeth (E Cape to tropical Africa).

geniculata (Thunb.) Thunb. - perennial, 500-700 mm, spikelets pinkish and straw; 11; vleis, Stellenbosch, Peninsula.

longiflora Smith - annual, 100-900 mm, spikelets green and purple; 8-10; damp disturbed areas, Peninsula to Swellendam.

longifolia Schrader - perennial, to 1 m, spikelets straw and purple; 10-1; upper slopes, Tulbagh, Stellenbosch, Peninsula (Namibia).

melicoides Thunb. - perennial, 400-800 mm, spikelets straw and purple; 10-11; rocky lower slopes, Peninsula to Swellendam (Namaqualand).

microlaena Nees ex Trin. - perennial, to 600 mm, spikelets green?; 10-12; damp upper slopes, Tulbagh, Worcester to Riversdale.

ottonis Kunth ex Nees - robust perennial, to 1 m, spikelets straw and pink; 10-3; dry rocky slopes, Stellenbosch, Peninsula.

ramosa (Thunb.) Thunb. - (incl. E. aphylla Schrader); rigid perennial, 0,4-1 m, spikelets straw; 8-1; rocky slopes, Gifberg, Tulbagh to Peninsula, Caledon, Uitenhage.

rehmannii Stapf - perennial, 300-600 mm, spikelets green; 8-12; mountain slopes, damp areas, Stellenbosch, Peninsula, Caledon, George.

rupestris Nees - perennial, 100-300 mm, spikelets green; 11-12; upper slopes, Caledon, Swellendam.

setacea Nees - perennial, 300-450 mm, spikelets green?; 10-12; upper slopes, Paarl, Peninsula to Riversdale.

subspicata Stapf - perennial, 300-600 mm, spikelets pale green; 10-12; sandy flats, Caledon, George?

triandra Nees ex Trin. - (bokhoringgras); annual, 100-350 mm, spikelets green and purple; 7-9; rocky lower slopes, Paarl, Tulbagh, Worcester (Namaqualand, Namibia).

tricostata Stapf - perennial, 150-450 mm, spikelets purple; 10-12; damp lower to middle slopes, Worcester, Paarl, Caledon, George.

uniflora Burchell ex Stapf - weak sprawling perennial, 200-300 mm, spikelets green; 10-12; peaty marshes, Peninsula, Caledon.

villosa Schultes f. - (pypgras); robust perennial, to 1 m or more, spikelets straw and purple; 9-3; coastal or sandy lower slopes, Worcester, Peninsula to Port Elizabeth (Namaqualand, Karoo).

ELIONURUS 14 sp - tropical Africa and America, 1 sp Australia

muticus (Sprengel) Kuntze - (= E. argenteus Nees) (wire grass, draadgras); perennial, 0,2-1 m, spikelets silver; 9-12; grassland, Uitenhage (southern and tropical Africa, Arabia, America).

ENNEAPOGON 30 sp - pantropical and subtropical

cenchroides (Licht. ex Roemer & Schultes) C.E. Hubb. - (suurgras); perennial, 300-900 mm, spikelets olive-green; 12, 4; rocky or disturbed areas, Uitenhage (to tropical Africa and India).

scaber Lehm. - (suurgras, klipgras); perennial, to 300 mm, spikelets olive-green; 9-3; stony upper slopes, Oudtshoorn, Knysna (southern and tropical Africa).

ERAGROSTIS 300 sp - cosmopolitan

bergiana (Kunth) Trin. - (kalkkweek); creeping perennial, to 100 mm, spikelets straw and pink; 10-12; flats, Riversdale, Montagu, George (Karoo, Namibia).

capensis (Thunb.) Trin. - perennial, 200-900 mm, spikelets straw and purplish; 1-12; flats and slopes, Clanwilliam to Port Elizabeth (E Cape to south tropical Africa, Madagascar, Thailand).

curvula (Schrader) Nees - (berg-soetgras, blousaadgras); perennial, 0,3-1,2 m, spikelets olive-green; 1-12; roadsides and grassland at varied alt. (southern and tropical Africa, widely introduced).

cyperoides (Thunb.) Beauv. - (steekriet, biesie-eragrostis); perennial, 300-600 mm, spikelets straw; 8-4; sand dunes, Lamberts Bay to Peninsula, Knysna (Namaqualand, Namibia).

gummiflua Nees - (kleef-eragrostis); perennial, 0,3-1 m, stem sticky at nodes, spikelets green and purple; 1-4; riversides, Uniondale to Port Elizabeth (E Cape to tropical Africa).

obtusa Munro ex Ficalho & Hiern - (kwaggakweek); perennial, 150-450 mm, spikelets pale or dark grey; 1-5; mostly near rivers, Ladismith, Swellendam to Uitenhage (southern Africa).

planiculmis Nees - robust perennial, 0,45-1,2 m, spikelets yellow and pink; 12-3?; damp areas, Swellendam, Riversdale (E Cape, Transvaal, OFS).

racemosa (Thunb.) Steudel - perennial, 100-350 mm, spikelets olive; 12-5; grassy lower slopes, Caledon to Swellendam, Uitenhage (E Cape to tropical Africa, Madagascar).

sabulosa (Steudel) Schweick. - creeping perennial, 50-150 mm, spikelets olive; 9-12; coastal dunes, Peninsula, Caledon.

sarmentosa (Thunb.) Trin. - somewhat creeping perennial, to 300 mm, spikelets brown and purple; 12-5; winter wet sand, Worcester, Paarl, Peninsula, George (Namibia).

spinosa (L.f.) Trin. - (ostrich grass, doringgras); spiny rounded perennial, 200-450 mm, spikelets straw; 8-10; dry sandy flats, Clanwilliam, Ceres, Riversdale, Mossel Bay (Namaqualand, Namibia).

EULALIA 30 sp - palaeotropical and subtropical

villosa (Thunb.) Nees - perennial, to 1 m, spikelets green, brown and purple; 4-12; grassland, George, Knysna to Uitenhage (E Cape to tropical Africa, Madagascar, India).

EUSTACHYS 12 - tropical and subtropical America, S Africa

paspaloides (Vahl) Lanza & Mattei - (= **E. mutica** (L.) Cuf.); perennial, 200-600 mm, spikelets brown; 10-5; grassland near trees, Bredasdorp, Montagu, George, Uitenhage (E Cape to tropical Africa, Arabia).

FESTUCA 80 sp - pantemperate and subtropical, tropical mountains

scabra Vahl - (munniksgras); perennial, 400-900 mm, spikelets green and straw; 9-12; flats and slopes, Cedarberg, Worcester, Montagu, Peninsula to Port Elizabeth (widespread in southern Africa).

FINGERHUTHIA 2 sp - tropical and southern Africa

africana Lehm. - (kalkvingerhoedgras); perennial, 120-800 mm, spikelets silvery and purple; 1-12; dry upper slopes, Ceres, Ladismith, Oudtshoorn, Riversdale, Humansdorp (southern and tropical Africa).

HARPOCHLOA 1 sp - S Africa

falx (L.f.) Kuntze - (caterpillar grass, elsgras); perennial, 200-600 mm, spikelets olive; 12-2; grassland, Swellendam to Port Elizabeth (E Cape to Transvaal).

HELICTOTRICHON 90 sp - pantemperate, incl. tropical mountains

capense Schweick. - perennial, 250-600 mm, spikelets straw and purple; 10-11; damp lower slopes, Peninsula to Port Elizabeth (E Cape, Natal).
dodii (Stapf) Schweick. - perennial, 0,6-1 m, spikelets yellowish; 8-10; damp lower slopes, Cape Peninsula.
hirtulum (Steudel) Schweick. - perennial, 250-600 mm, spikelets yellow and purple; 9-10; clay slopes, Peninsula, Caledon, Uitenhage (E Cape).
leoninum (Steudel) Schweick. - perennial, 150-450 mm, spikelets pale yellow; 8-10; flats and lower slopes, Stellenbosch, Peninsula.
longum (Stapf) Schweick. - (hawergras); perennial, 400-900 mm, spikelets green; 9-10; flats and lower slopes, Cape Peninsula.
turgidulum (Stapf) Schweick. - perennial, 300-900 mm, spikelets green; 9-11; wet flats and slopes, George?, Uitenhage (E Cape to Transvaal).

HEMARTHRIA ca 10 sp - Africa, Madagascar, tropical Asia

altissima (Poiret) Stapf & C.E. Hubb. - (perdegras); erect or sprawling perennial, to over 1 m, spikelets green, sunk into axis; 12-3; widespread in marshes in S W Cape (southern Africa).

HETEROPOGON 6 sp - Africa, S Europe

contortus (L.) Beauv. ex Roemer & Schultes - (pylgras); perennial, 200-700 mm, spikelets green and purple; 12-4; throughout S W and S Cape (cosmopolitan).

HOLCUS 8 sp - Mediterranean, Asia, S Africa

***lanatus** L. - (velvet grass, fluweelgras); perennial, 300-800 mm, spikelets pink and grey; 10-12; damp areas, Ceres, Peninsula (pantemperate).

setiger Nees - annual, 100-350 mm, spikelets pale green; 10-12; damp lower slopes, Tulbagh to Peninsula, Caledon (Namaqualand).

HORDEUM 20 sp - temperate

capense Thunb. - (Cape wild barley, Kaapsewildegras); perennial, 200-700 mm, spikelets green and purple; 11-12; wet areas or roadsides, Clanwilliam to Peninsula, Caledon, Swellendam (Namaqualand, N Cape, Karoo to Transvaal).

HYPARRHENIA 53 sp - mainly Africa and Mediterranean, also tropical America and Asia

dregeana (Nees) Stent - (tamboekie grass); perennial to 2 m, spikelets silver, yellow and brown; 12-1; grassland, Uitenhage (E Cape, Natal, Lesotho).
hirta (L.) Stapf - (thatch grass, blougras, dekgras); perennial, to 2 m, spikelets silver, yellow and brown; 11-5; grassland, Paarl, Peninsula to Port Elizabeth (Africa, Mediterranean and near East).

IMPERATA 10 sp - pantropical and subtropical

***cylindrica** (L.) Raeuschel - (silwergaargras, beddinggras); perennial, 0,1-1,2 m, spikelets silvery-white; 1-12; damp lower slopes, widespread in S W and S Cape (S and tropical Africa, Eurasia, Australia).

KARROOCHLOA 4 sp - S Africa

curva (Nees) Conert & Turpe - (= **Danthonia curva** Nees) (oulandegras); perennial, 150-350 mm, spikelets green, straw and purple; 10-12; shady lower slopes, Malmesbury to Port Elizabeth (E Cape, Namaqualand).
purpurea (L.f.) Conert & Turpe - (= **Danthonia purpurea** (L.f.) Beauv.) (purple danthonia, quagga grass); perennial, 100-200 mm, spikelets straw and purple; 9-12; upper slopes, Ceres, Caledon, Montagu (E Cape, Karoo).
tenella (Nees) Conert & Turpe - (= **Danthonia tenella** Nees); dwarf annual, 20-150 mm, spikelets green and purple; 8-10; rocky middle slopes, Ceres (Namaqualand, Karoo).

KOELERIA ca 60 sp - N and S temperate

capensis (Thunb.) Nees - (= **K. cristata** (L.) Pers.) (polgras, strandgras); perennial, 200-700 mm, spikelets green and silvery; 11-2; flats and slopes, Clanwilliam to Port Elizabeth (Namaqualand, Karoo, E Cape, OFS, Natal).
***phleoides** (Vill.) Pers. - annual, 50-300 mm, spikelets green and white; 10; roadsides, Peninsula, Swellendam, George (Karoo, introduced from Europe).

LAGURUS 1 sp - Mediterranean

***ovatus** L. - (hare's tail, haasstert); annual, 200-600 mm, spikelets white, fluffy; 11-1; disturbed areas, Peninsula, Caledon, Humansdorp, Port Elizabeth (introduced from Europe).

LASIOCHLOA 4 sp - S W Cape, Namaqualand

echinata (Thunb.) Henr. - annual, 100-400 mm; 9-12; near water, Nieuwoudtville, Clanwilliam, Peninsula to Caledon (S Namaqualand).

longifolia (Schrader) Kunth - (haasgras); perennial, 100-400 mm, spikelets green and yellow; 9-12; lower slopes, Nieuwoudtville to Port Elizabeth (Namaqualand).
obtusifolia Nees - perennial, 100-300 mm, flowers green; 10-12; marshes, Stellenbosch, Peninsula, Uitenhage.
utriculosa Nees - dwarf annual, to 90 mm, spikelets green and purple; 9-10; Clanwilliam (Namaqualand).

LEERSIA 15 sp - tropical and warm temperate

hexandra Sw. - (moerasgras, waterkweek); slender perennial, to 1 m, spikelets purple; 1-2; shady places near water, Robertson to Port Elizabeth (E Cape to Natal, widespread in tropics and subtropics).

LOLIUM 12 sp - temperate Eurasia

***multiflorum** Lam. - (Italian rye grass, drabok); annual, to 1 m, spikelets green; 10-12; disturbed coastal areas, Peninsula, Humansdorp, Port Elizabeth (OFS, Eurasia).
***perenne** L. - (perennial rye grass, raaigras); perennial, 250-500 mm, spikelets green; 10-12; widespread escape from cultivation.
***temulentum** L. - (poison darnell, drabok); robust annual, 300-900 mm, spikelets green; 5-10; disturbed areas, Malmesbury, Peninsula to Humansdorp (E Cape to Natal, Europe).

MELICA 70 sp - N and S temperate, excluding Australia

racemosa Thunb. - (haakgras, dronkgras); perennial, 200-900 mm, spikelets silvery; 10-4; costal dunes or inland streambeds, Peninsula to Port Elizabeth (Karoo, E Cape to Natal, Lesotho).

MERXMUELLERA (= Danthonia) 14 sp - southern and S tropical Africa, Madagascar

arundinacea (Bergius) Conert - (elephant grass, olifantsgras); robust perennial, to 1 m, spikelets straw; 9-11; middle slopes, Gifberg to Worcester, Witteberg and Swartberg Mts., Montagu, Piketberg, Tulbagh.
cincta (Nees) Conert - perennial, 0,5-2 m, spikelets cream; 10-4; streamsides, Tulbagh, Peninsula to Port Elizabeth (E Cape).
decora (Nees) Conert - 250-600 mm, spikelets straw and purple; 9-11; damp lower slopes, Peninsula, Swellendam, George.
disticha (Nees) Conert - (wiry danthonia, koperdraad); 200-400 mm, spikelets straw and green; 11-12; streamsides, Swellendam to Uitenhage (E Cape, Karoo, OFS).
lupulina (Thunb.) Conert - perennial, 150-450 mm, spikelets straw; 11-2; mountains, Tulbagh to Peninsula (possibly extinct?), Worcester to Knysna.
papposa (Nees) Conert - perennial, 450-600 mm, spikelets silvery and straw; 11; streamsides, Riversdale, George, Uitenhage.
rufa (Nees) Conert - (brandgras); perennial, 150-450 mm, spikelets straw and purple; mainly 9-11; damp rocky lower slopes, Clanwilliam, Ceres, Tulbagh, Peninsula to George.
stricta (Schrader) Conert - (bokbaardgras); perennial, 250-900 mm, spikelets straw and purple; 9-12; mid to upper slopes, Nieuwoudtville to Worcester, Witteberg, Paarl, Peninsula to George (Karoo).

MICROCHLOA 4 sp - Africa, 1 pantropical

caffra Nees - (pincushion grass, elsgras); perennial, 150-300 mm, spikelets purplish; 6; rocky lower slopes, Uitenhage (south and tropical Africa).

MICROSTEGIUM 30 sp - mainly tropical and subtropical Asia, also Africa

capense (Hochst.) A. Camus - trailing annual or perennial, stems to over 1 m, spikelets green; 3-5?; forest, Knysna, Humansdorp (E Cape to tropical Africa).

MISCANTHIDIUM 7 sp - pantropical and subtropical

capense (Nees) Stapf - (east coast broom grass, tamboekiegras); stout perennial, to 1 m, spikelets reddish; 12-5; riversides, Humansdorp, Uitenhage (Karoo, E Cape to Natal).
sorghum (Nees) Stapf - (common broom grass, tamboekiegras); stout perennial, to 1 m, spikelets reddish; 1; damp areas, Tulbagh, Worcester (E Cape, Karoo, OFS).

MONERMA 1 sp - Mediterranean and Middle East

***cylindrica** (Willd.) Coss. & Durand - annual, to 300 mm, spikelets green; 8-1; weed in lawns or damp areas, Tulbagh to Peninsula, Uitenhage (introduced from Mediterranean).

PANICUM 600 sp - pantropical and warm temperate

deustum Thunb. - (reed panicum, rietbuffelsgras); perennial, 300-900 mm, spikelets green and purple; 11-4; coastal forest or grassland, Riversdale to Uitenhage (E Cape to tropical Africa).
maximum Jacq. - (Guinea grass, purple-top buffalo); perennial, 0,6-3 m, spikelets purple; 1-5; shady areas, Stellenbosch, Peninsula, Knysna to Port Elizabeth (E Cape to tropical Africa, introduced throughout tropics).
stapfianum Fourc. - perennial, 200-900 mm, spikelets green and purple; 11-2; Knysna, Humansdorp (E Cape to Transvaal, Namibia).

PASPALUM 250 sp - mainly neotropics and subtropics

***vaginatum** Sw. - (= **P. distichum** L.) (couch grass, tweevingergras); creeping perennial, to 250 mm, spikelets green; 12-4; vlei margins, Clanwilliam to Peninsula, Knysna, Humansdorp (Natal, worldwide).

PENNISETUM 70 sp - warm regions

macrourum Trin. - (beddinggras); perennial, 0,8-1,7 m, spikelets straw; 11-4; marshes, Cedarberg, Ceres, Tulbagh, Peninsula to Port Elizabeth (E Cape to tropical Africa).
thunbergii Kunth - (Napier millet); perennial, 200-600 mm, spikelets green and purple; 11-4; vlei margins, Ceres, Worcester, Tulbagh, Peninsula to George, Uitenhage (Namibia, E Cape to tropical Africa, also Sri Lanka, Yemen).

PENTAMERIS 4 sp - S W and S Cape

dregeana Stapf - perennial, 400-600 mm, spikelets straw and yellow; 9-11; dry upper slopes, Tulbagh, Paarl, Witteberg.
longiglumis (Nees) Stapf - perennial to 1 m, spikelets white or straw; 11-1; damp upper slopes, Cape Peninsula.
macrocalycina (Steudel) Schweick. - perennial to 1 m, spikelets straw and yellow; 8-11; rocky upper slopes, Ceres, Worcester, Witteberg, Paarl, Peninsula to Riversdale.
thuarii Beauv. - robust perennial, 300-600 mm, spikelets white and brown; 10-12; grassy upper slopes, Paarl, Caledon to George.

PENTASCHISTIS ca 60 sp - Africa and Madagascar

acinosa Stapf - creeping leafy perennial, 100-200 mm, spikelets straw; 11-12; damp rocks on middle slopes, Peninsula, Caledon, Riversdale.
airoides (Nees) Stapf - (haasgras); slender annual, 50-150 mm, spikelets green, yellow and purple; 8-10; middle slopes, Cedarberg, Ceres, Witteberg?, Peninsula, Bredasdorp (Namaqualand, Karoo).
ampla (Nees) McClean - perennial to 200 mm, spikelets brown or yellow and brown; 11-4; mountain slopes, Ceres, Paarl, Peninsula to Humansdorp.
angulata (Nees) Adamson - perennial to 600 mm, spikelets purple, white and brown; 10-11; Clanwilliam to Peninsula, Caledon, Riversdale.
angustifolia (Nees) Stapf - variable perennial, to 600 mm, spikelets light brown; 10-1; lower slopes, Ceres?, Peninsula to Port Elizabeth (Karoo).
aristidoides (Thunb.) Stapf - stout perennial, to 1 m, spikelets brown, yellow and purple; 8-11; flats and lower slopes, Piketberg to Peninsula, Caledon.
aspera (Thunb.) Stapf - soft perennial, 200-800 mm, spikelets pale green and purple; 10-12; middle slopes, Worcester, Tulbagh to Peninsula.
aurea (Steudel) McClean - perennial, 300-500 mm, spikelets yellowish and brown; 12-1; mountain slopes, Paarl to Peninsula.
burchellii Stapf - perennial to 150 mm, spikelets straw, brown and violet; ?; coastal, Mossel Bay.
capensis (Nees) Stapf - soft perennial, 200-300 mm, spikelets cream; 10-1; streamsides at mid to upper alt., Paarl to Peninsula, Caledon, Riversdale.
capillaris (Thunb.) McClean - pubescent annual, to 250 mm, spikelets light green; 9-10; Piketberg, Saldanha (Namaqualand).
colorata (Steudel) Stapf - perennial, 150-250 mm, spikelets yellow and purple; 8-11; mountain slopes, Tulbagh, Paarl, Caledon, Bredasdorp.
curvifolia (Schrader) Stapf - perennial, 100-400 mm, spikelets white, brown and purple; 7-11; damp slopes and flats, Nieuwoudtville, Tulbagh, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape, Karoo).
densifolia (Nees) Stapf - soft partly creeping perennial, 70-120 mm, spikelets straw; 11-2; rock ledges at high alt., Worcester, Tulbagh, Stellenbosch.
distichophylla Lehm. - perennial, 200-300 mm, ?; 10-11; upper slopes, Paarl, Worcester.
ecklonii (Nees) McClean - perennial, 150-300 mm, spikelets straw, green, silver and purple, in dense spikes; 1-4; lower slopes or flats, Tulbagh to Peninsula.
elegans (Nees) Stapf - perennial, 200-300 mm, spikelets yellow and brown; 8-12; high alt., Cedarberg, Ceres, Caledon, Bredasdorp?.
eriostoma (Nees) Stapf - (olifantsgras); tufted perennial, to 600 mm, spikelets straw and cream; 8-12; damp mountain slopes, Ceres, Paarl, Peninsula to Mossel Bay, Montagu.
filiformis (Nees) Stapf - perennial, 150-300 mm, spikelets green and straw; 10-1; upper slopes, Ceres, Worcester, Caledon (Namaqualand).

heptamera (Nees) Stapf - perennial to 300 mm, spikelets cream; 11-12; riversides, Uitenhage (E Cape).
hirsuta Stapf - slender perennial, to 450 mm, spikelets straw; ?; lower slopes, Clanwilliam.
imperfecta Stapf - slender perennial, 100-300 mm, spikelets yellowish and purple; 11-1; damp upper slopes, Paarl, Peninsula.
involuta (Steudel) Adamson - perennial, 200-800 mm, spikelets silvery and purple; 10-12; lower slopes, Peninsula, Uniondale.
juncifolia Stapf - perennial to 1 m, spikelets silver and purple; 10-11; middle slopes, Caledon, Montagu, Riversdale.
malouinensis (Steudel) Clayton - (= P. **steudelii** (Nees) McClean); slender perennial, 80-300 mm, spikelets straw and yellow; 10-1; mountain slopes, Cedarberg to Peninsula, Swellendam, Riversdale.
nutans (Nees) Stapf - perennial to 1 m, spikelets straw and purple; 11; damp lower to middle slopes, Peninsula, Caledon.
pallescens (Schrader) Stapf - robust perennial, to over 1 m, spikelets yellow, brown and purple; 10-11; middle slopes, Clanwilliam to Peninsula.
patula (Nees) Stapf - annual or biennial, 150-250 mm, spikelets straw and purple; 9-11; sandy lower slopes, Clanwilliam to Paarl, Peninsula?, Worcester, Caledon (S Namaqualand, Karoo).
patuliflora Rendle - perennial to 500 mm, spikelets dark purple; 3; lower slopes, Caledon, Uniondale.
rigidissima Pilger - perennial, 200-400 mm, leaves spine-tipped; 10-12; high alt., Worcester, Ladismith.
rupestris (Nees) Stapf - perennial, 300-900 mm, spikelets straw; 10-1; high alt., Cedarberg, Ceres, Worcester.
silvatica Adamson - (? = P. **pallescens**); perennial to 600 mm, spikelets pale yellow, green and purple; 9-1; forest margins on mid to upper slopes, Paarl, Peninsula.
subulifolia Stapf - perennial, 150-300 mm, spikelets straw, brown and purple; 10-12; flats or lower slopes, Cape Peninsula.
thunbergii (Kunth) Stapf - (haasgras, duinegras); variable perennial, 150-400 mm, spikelets green, yellow and purple; 10-12; lower to middle slopes, Ceres, Tulbagh, Peninsula to Humansdorp.
tortuosa (Trin.) Stapf - robust perennial, to over 1 m, spikelets brown, green and purple; 10-12; damp lower or middle slopes, Tulbagh, Peninsula, Uitenhage.
triseta (Thunb.) Stapf - slender annual, 150-300 mm, spikelets straw, brown and purple; 10; lower slopes, Clanwilliam, Paarl.
viscidula (Nees) Stapf - (bokbaardgras); perennial, 300-450 mm, spikelets straw and purple; 12; high alt., Cedarberg, Ceres.
zeyheri Stapf - perennial to 600 mm, spikelets brownish; riverbanks, Uitenhage.

PHALARIS 15 sp - N and S temperate

***minor** Retz. - (small canary grass, kanariegras); tufted annual with soft leaves, to 600 mm, spikelets green and white in ovoid heads; 9-12; disturbed ground, Nieuwoudtville to Port Elizabeth (widespread weed, introduced from Mediterranean).

PHRAGMITES 3 sp - cosmopolitan

australis (Cav.) Trin. ex Steudel - (common reed, fluitjiesriet); perennial to over 1 m, spikelets brown and white; 2-5; vleis and streams, Cedarberg, Worcester, Peninsula to Port Elizabeth (worldwide).

PLAGIOCHLOA 6 sp - S W Cape to S Namaqualand

acutiflora (Nees) Adamson & Sprague - perennial, 100-300 mm, spikelets green; 10-12; damp sand, Piketberg to Peninsula (S Namaqualand).
alternans (Nees) Adamson & Sprague - perennial, 300-600 mm, spikelets green; 10-12; damp mid to upper slopes, Worcester, Witteberg, Paarl.
brachystachya (Nees) Adamson & Sprague - slender perennial, 100-300 mm, spikelets green and purple; 9-12; rock crevices at high alt., Worcester, Paarl, Caledon.
ciliaris (Thunb.) Adamson & Sprague - annual, to 150 mm, spikelets green and white; ?; locality unknown.
oblitera (Hemsley) Adamson & Sprague - (haasgras); perennial, 150-400 mm, spikelets green; 11-12; streamsides, Piketberg, Ceres, Witteberg, Swellendam.
uniolae (L.f.) Adamson & Sprague - (koringgras); perennial, 150-600 mm, spikelets green and purple; 9-12; lower slopes, Nieuwoudtville to Peninsula, Swellendam to Port Elizabeth.

POA ca 300 sp - cosmopolitan

vivipara (L.) Willd. - perennial, 100-300 mm, spikelets green and purple; 8-10; mid to upper slopes and plateaus, Nieuwoudtville to Ceres (Karoo, Namaqualand).
(**P. annua** and **P. pratensis** are introduced locally.)

POAGROSTIS 1 sp - S W Cape

pusilla (Nees) Stapf - delicate annual, 50-100 mm, spikelets green; 12-2; marshes, Paarl, Peninsula.

POLYPOGON 15 sp - pantropical and warm temperate

***monspeliensis** (L.) Desf. - (annual beard grass, brakbaardgras); annual, 100-500 mm, spikelets pale green; ?; damp lower slopes, Worcester, Stellenbosch, Peninsula, George, Uitenhage (cosmopolitan).
strictus Nees - (= **P. tenuis** Brongn.); annual, 150-600 mm, spikelets pale green; 9-5; coastal dunes, Peninsula to Port Elizabeth (N Cape).
***viridis** (Gouan) Breistr. - (= **P. semiverticillatus** (Forsskal) Hylander); annual or perennial, 100-600 mm, spikelets green and purple; 9-1; damp lower slopes, Stellenbosch, Peninsula, George (Karoo, introduced from Europe).

PRIONANTHIUM 2 sp - S W Cape

ecklonii (Nees) Stapf - annual, 150-400 mm, spikelets green?; 10; lower slopes, Clanwilliam, Piketberg, Tulbagh.
pholiuroides Stapf - annual, 50-200 mm, spikelets purple; 9-12; damp lower slopes, Stellenbosch, Peninsula.

PSEUDOPENTAMERIS 2 sp - S W Cape

brachyphylla (Stapf) Conert - (= **Danthonia brachyphylla** Stapf); perennial to 1 m, spikelets purple and yellow; 10; mountain slopes, Peninsula?, Caledon, Swellendam, rare.
macrantha (Schrader) Conert - (= **Pentameris macrantha** (Schrader) Nees); perennial, 0,5-1,2 m, spikelets green, purple and straw; 8-10; rocky lower to middle slopes, Peninsula, Caledon.

PUCCINELLIA 100 sp - N temperate and S Africa

angusta (Nees) Smith & C.E. Hubb. - (vinkbrakgras); perennial, 150-300 mm, spikelets pale straw; 12; saline soils, Uitenhage (Namibia).
fasciculata (Torrey) Bickn. - ((brakgras); perennial, 150-400 mm, spikelets green; 10-12; saline soils, Ceres, Peninsula (Namaqualand, Namibia).

RHYNCHELYTRUM ca 15 sp - mainly Africa, Arabia, Madagascar, Indochina

repens (Willd.) C.E. Hubb. - (Natal red top, bergrooigras); annual or perennial, 300-900 mm, spikelets shining red, silver and mauve; 10-2; disturbed areas, widespread (introduced from E Cape, pantropical and subtropical).
setifolium (Stapf) Chiov. - (ferweelgras); perennial, 300-450 mm, spikelets red and cream; 11-12; Caledon to Uitenhage (E Cape to Transvaal).

SCHISMUS 5 sp - Africa, Mediterranean to India

barbatus (Loefl. ex L.) Thell. - (winterhaasgras); annual, 50-250 mm, spikelets green and silver; 7-10; sandy roadsides, Clanwilliam, Worcester, Oudtshoorn, Swellendam, George (widespread in warm temperate regions).
inermis (Stapf) C.E. Hubb. - perennial, 200-600 mm, spikelets green; 10-12; sand dunes, Riversdale to Port Elizabeth (E Cape).
pleuropogon Stapf - perennial, to 150 mm, spikelets greenish; 11; damp areas, Swellendam, Riversdale.
scaberrimus Nees - perennial, 100-300 mm, spikelets purplish; 8-11; dunes or mountain slopes, Ladismith (Namaqualand, Karoo).

SETARIA 140 sp - pantropical and warm temperate

flabellata Stapf - (buffelsgras); perennial, 300-600 mm, spikelets yellowish; 10-2; damp grassland, Bredasdorp to Port Elizabeth (E Cape, OFS, Natal).
neglecta de Wit - perennial, 300-800 mm, spikelets green and straw; 10-4; karroid scrub, Uitenhage (E Cape).
***sphacelata** (Schum.) Stapf & C.E. Hubb. ex Moss - (golden timothy, bristle grass, kanariegras); perennial, to 1 m, spikelets golden-yellow; 11-6; disturbed areas, Peninsula to Uitenhage (introduced from E Cape, tropical Africa).
***verticillata** (L.) Beauv. - (bur bristle grass, klitssetaria); annual, 350-500 mm, spikelets green; 11-2; disturbed areas, Stellenbosch, Uitenhage (widespread in southern Africa, Namibia, worldwide).

SPARTINA 16 sp - mostly America, Europe, Africa

***maritima** (Curtis) Fern. - (cord grass, strandkweek); creeping perennial, 200-800 mm, spikelets straw; 12-1; seashore, Saldanha Bay, Knysna, Uitenhage (Namibia, Europe, introduced from N America).

SPOROBOLUS 150 sp - pantropical and warm temperate

africanus (Poiret) Robyns & Tournay - (= S. **capensis** (Willd.) Kunth) (vleigras); perennial, 600-900 mm, spikelets grey-green; 10-4; disturbed soil, Peninsula to Port Elizabeth (E Cape to Natal, widespread in Old World).
fourcadei Stent - tufted perennial, 150-700 mm, spikelets light green; ?; forest margins, George to Humansdorp (E Cape).

virginicus (L.) Kunth - (brakgras); creeping perennial, 150-300 mm, spikelets dark grey-green; 10-3; saline soils, Peninsula, Caledon, Uitenhage (worldwide).

STENOTAPHRUM 7 sp - pantropical and subtropical

secundatum (Walter) Kuntze - (buffalo grass, buffelsgras); often prostrate perennial, 60-400 mm, spikelets green; 10-1; coastal areas, widespread in S W Cape (pantropical, cultivated as lawn grass).

STIPA 300 sp - mainly temperate to subtropical

capensis Thunb. - (bushman grass); annual, 200-400 mm, spikelets pale green; 9-11; lower slopes, Clanwilliam (Namaqualand).

dregeana Steudel - perennial to over 1 m, spikelets green; 1-7; forest margins, Peninsula to George, Uitenhage (E Cape to E tropical Africa).

***trichotoma** Nees - (nassella tussock); invasive, tufted perennial, to 300 mm, spikelets pale green; 7; Peninsula, Riversdale (E Cape, introduced from S America).

STIPAGROSTIS ca 50 sp - deserts and semi-deserts, Europe, Africa, Asia

zeyheri (Nees) De Winter - (steekgras); perennial, 300-750 mm, spikelets white and purple; 10-4; sandy flats, Nieuwoudtville to Port Elizabeth (Namaqualand).

THEMEDA 10 sp - tropical and temperate Africa and Asia

triandra Forsskal - (red grass, rooigras); perennial, 300-900 mm, spikelets reddish, brown and yellow; 10-7; widespread in grassland (tropical Africa and Asia).

TRACHYPOGON 10 sp - tropical America, Africa, Madagascar

spicatus (L.f.) Kuntze - (steekgras); perennial, 300-900 mm, spikelets silvery and brown; 12; grassland, Humansdorp, Uitenhage (E Cape to tropical Africa).

TRIRAPHIS 10 sp - Africa, Australia

andropogonoides (Steudel) E. Phillips - (koperdraadgras); perennial, 400-900 mm, spikelets reddish; 1-2; stony riverbanks, Uitenhage (E Cape, OFS, Transvaal).

TRISETUM ca 75 sp - N and S temperate

***pumilum** (Desf.) Kunth - annual, 50-100 mm, spikelets greyish-green; 8; shady places, Clanwilliam (Namaqualand, Karoo, introduced from Mediterranean).

TRISTACHYA 25 sp - Africa, Madagascar, tropical America

hispida (L.f.) K. Schum. - (rooisaadgras); perennial, to 600 mm, spikelets brown-purple with white hairs; 11-1; grassland, Swellendam, George to Port Elizabeth (E Cape to tropical Africa).

UROCHLAENA 1 sp - W Cape, Karoo

pusilla Nees - annual, 50-200 mm, spikelets green and purple; 8-9; dry sandy slopes, Clanwilliam (S Namaqualand, W Karoo).

VULPIA ca 25 sp - pantemperate

*bromoides (L.) S.F. Gray - annual, 100-300 mm, spikelets green; 8-12; disturbed areas, Ceres to Peninsula, George, Port Elizabeth (widespread weed in southern Africa, worldwide).

POTAMOGETONACEAE

POTAMOGETON ca 100 sp - cosmopolitan

pectinatus L. - (fonteingras, fonteinkruid); aquatic with narrow submerged leaves, flowers green, inconspicuous; 10-1; fresh or brackish water, Peninsula to Port Elizabeth (widespread in southern Africa).

pusillus L. - (fonteingras, fonteinkruid); aquatic with narrow submerged leaves, flowers green, inconspicuous; 12-3; fresh water, Peninsula, Caledon, Uitenhage, Port Elizabeth (widespread in southern Africa).

schweinfurthii A. Bennett - large aquatic with wide submerged or occ. floating leaves; 11-12; fresh water, Uitenhage (widespread in Africa).

thunbergii Cham. & Schldl. - aquatic with stalked floating or aerial leaves, flowers inconspicuous; 12-3; fresh water or mud banks, Swartberg Mts., Knysna to Port Elizabeth (widespread in Africa).

RESTIONACEAE

ANTHOCHORTUS 6 sp - S W and S Cape
(= **Hypolaena** in part)

capensis Esterh. ined. - tangled, scapes branched, slender, to 500 mm, spathes and bracts setaceous; Cape Peninsula.

crinalis (Masters) Linder ined. - tangled, scapes much-branched, densely tuberculate, to 800 mm, spikelets solitary or geminate, spathes and bracts setaceous; Peninsula to Worcester, Riversdale.

ecklonii Nees - tangled, stoloniferous, scapes sparingly branched, 300-500 mm, striate; Ceres to Oudtshoorn, George.

graminifolius (Kunth) Linder ined. - tangled, stoloniferous, scapes branched, compressed, sheaths green, often with large free blades; Paarl to Caledon.

insignis (Masters) Linder ined. - (= **Phyllocomos insignis** Masters); rhizomatous, 500-700 mm, scapes sparingly branched, erect, spikelets capitate, bracts acuminate, sheaths with awns to 10 mm; Ceres.

laxiflorum (Nees) Linder ined. - caespitose, scapes branched, 150-500 mm, basal sheaths often with leaf-like blade, spathe margins hyaline; Peninsula, Caledon.

ASKIDIOSPERMA 10 sp - S W and S Cape
(= **Chondropetalum** in part)

albo-aristatum (Pill.) Linder ined. - erect tussock, to 1 m, rhizomatous, sheaths deciduous, bracts hyaline, female spikelets many-flowered; Clanwilliam, Cedarberg.

andreaeanum (Pill.) Linder ined. - erect tussock, to 80 mm, female spikelets few-flowered, obscured by the hyaline bracts; Paarl.

capitatum Steud. - erect tussock, to 800 mm, spikelets aggregated into capitate heads; Clanwilliam to Ceres.

chartaceum (Pill.) Linder ined. - erect tussock, to 1 m, female spikelets many-flowered; marshy mountain slopes and plateaus, Tulbagh to Caledon.

esterhuyseniae (Pill.) Linder ined. - erect tussock, to 1 m, female spikelets obscured by spathes; mountains, Jonkershoek to Sir Lowrys Pass.
insigne (Pill.) Linder ined. - erect tussock, 1-2 m; mountain marshes, Worcester to Ceres.
longiflorum (Pill.) Linder ined. - erect tussock, to 80 mm, female flowers more than 6 mm; mountains, Ceres, Worcester.
nitidum (Masters) Linder ined. - erect tussock, to 1,2 m, female spikelets many-flowered; mountains, Clanwilliam to Stellenbosch.
paniculatum (Masters) Linder ined. - erect tussock, to 1 m, female spikelets few-flowered, obscured by the spathes; mountains, Ceres, Worcester, Paarl.
rugosum Esterh. ined. - erect tussock, to 1 m; Caledon.

CALOPSIS ca 23 sp - S W and S Cape to Natal, Namaqualand
(= **Leptocarpus** in part)

adpressus Esterh. ined. - caespitose, scapes branched, spreading, sheaths loosely convolute; Bredasdorp, Caledon.
andreaeanus (Pill.) Linder ined. - caespitose, to 600 mm, scapes branched, sheaths closely convolute; Willowmore.
asper (Masters) Linder ined. - caespitose, 300-500 mm, scapes branched, coarsely tubercled, spathes with wide hyaline apices; Caledon.
burchellii (Masters) Linder ined. - caespitose, scapes to 450 mm, branched, densely tuberculate, sheaths loosely convolute; Riversdale to Humansdorp.
clandestinus Esterh. ined. - caespitose, 300-400 mm, scapes branched, densely tuberculate, sheaths with long hyaline apices; Caledon.
durus Esterh. ined. - caespitose, scapes branched, spreading, to 600 mm, sheaths loosely convolute; Clanwilliam to Ceres.
esterhuyseniae (Pill.) Linder ined. - caespitose, scapes simple, 300-400 mm, with flat-topped tubercles, sheaths closely convolute, spikelets 5-8 mm, ovate to rotund; Paarl to Ceres, Ladismith.
filiformis (Masters) Linder ined. - erect tussock, 300-600 mm, scapes branched, sheaths tightly convolute, spikelets to 5 mm; Bredasdorp, Caledon.
fruticosus (Masters) Linder ined. - caespitose, 250-600 mm, scapes spreading, branched, sheaths loosely convolute, with awns to 5 mm, spikelets 5-10 mm; Peninsula to Bredasdorp.
gracilis (Masters) Linder ined. - caespitose, 300-600 mm, scapes slender, much-branched, white-tubercled, spikelets solitary, to 5 m; Cape Peninsula.
hyalinus (Masters) Linder ined. - caespitose, 300-500 mm, scapes branched, with white tubercles, spathes with hyaline apices; Tulbagh to Riversdale.
impolitus (Kunth) Linder ined. - caespitose, scapes branched, with white tubercles, inflorescence branched distichously; sandy flats, Clanwilliam to Peninsula.
levynsiae (Pill.) Linder ined. - caespitose, to 500 mm, scapes branched, sheaths closely convolute, female spikelets 10-20 mm; Ceres, Cold Bokkeveld.
marlothii (Pill.) Linder ined. - caespitose, scapes to 1 m, sparsely branched, sheaths free, female inflorescence compound; Clanwilliam to Swellendam, Ladismith (Namaqualand).
membranaceus (Pill.) Linder ined. - scapes spreading through the vegetation, to 300 mm, branched, spathes membranous above; Tulbagh to Peninsula, Caledon.
monostylis (Pill.) Linder ined. - caespitose, scapes simple, 300-400 mm, coarsely tubercled, sheaths closely convolute, spikelets to 8 mm, narrowly ovate; Montagu to Riversdale.
muirii (Pill.) Linder ined. - loosely caespitose, to 1 m, scapes spreading, branched, sheaths loosely convolute, margins and apices hyaline; Riversdale.
nudiflorus (Pill.) Linder ined. - caespitose, 150-200 mm, tangled, scapes branched, roughly tubercled, sheaths with wide membranous margins; Caledon.

paniculatus (Rottb.) Desv. - scapes to 2 m, branched, rhizomatous, inflorescence compound, with numerous spikelets on main branches; usually along streams, Clanwilliam to Humansdorp (E Cape, Natal).
pulcher Esterh. ined. - caespitose, 150-500 mm, scapes sparsely branched, densely tuberculate, inflorescence racemose; Bredasdorp.
rigidus (Masters) Linder ined. - straggly, scapes branched, sheaths lightly convolute, with membranous upper margins; Ceres to Witteberg, Swartberg Mts.
rigoratus (Masters) Linder ined. - caespitose, to 500 mm, stoloniferous, scapes spreading, branched, finely tuberculate, sheaths loosely convolute; Citrusdal to Bredasdorp.
vimineus (Rottb.) Linder ined. - caespitose, to 1 m, scapes spreading, rugulose, branched, sheaths free, with awns to 5 mm; Clanwilliam to Port Elizabeth (Namaqualand).

CANNOMOIS ca 6 sp - S W and S Cape

aristata Masters - erect tussock, to 1 m, scapes simple, sheaths with awns to 10 mm, bracts acuminate; Clanwilliam.
congesta Masters - (= C. **scirpoides** Masters); erect tussock, to 1 m, scapes usually simple; Clanwilliam to Bredasdorp.
nitida (Masters) Pill. - erect tussock, 300-700 mm, scapes simple, female spikelets solitary, bracts acuminate, erect or reflexed with awns to 10 mm; Clanwilliam to Willowmore.
parviflora (Thunb.) Pill. - (= C. **acuminata** (Thunb.) Pill.); erect tussock, to 1 m, scapes simple, spathes and bracts dark, nitid, coriaceous, acute; Clanwilliam to Humansdorp.
scirpoides (Kunth) Masters - (= C. **dregei** Pill.); erect tussock, to 1 m, scapes usually simple; Oudtshoorn to Humansdorp.
virgata (Rottb.) Steud. - erect tussock, 2-3 m, rhizomatous, scapes branched above, female spikelets solitary, rarely geminate, acute, to 30 mm; Clanwilliam to Humansdorp.

CERATOCARYUM 5 sp - S W and S Cape
(= **Willdenowia** in part)

argenteum Kunth - erect tussock, 1-1,5 m, scapes simple, female spikelets to 30 mm, nuts to 10 mm in diameter; Bredasdorp to Paarl.
decipiens (N.E. Br.) Linder ined. - (= **W. fimbriata** sensu Pill.); erect tussock, 1-2 m, rhizomatous, scapes simple, female spikelets to 15 mm, spathes nitid, dark brown, nuts pedicellate; Caledon to Riversdale, Ladismith.
fimbriata (Kunth) Linder ined. - (= **W. esterhuyseniae** Pill.); erect tussock, to 600 mm, rhizomatous, spathes nitid, dark brown, nut stipitate, rugulose; Paarl, Worcester, Ceres.
fistulosum Masters - erect tussock, rhizomatous, to 2 m, scapes simple, fistulose; Caledon, Riversdale.
xerophilum (Pill.) Linder ined. - erect tussock, 400-600 mm, scapes simple, nut stipitate, smooth; Ceres to Ladismith.

CHONDROPETALUM 12 sp - S W and S Cape
(see also **Askidosperma, Dovea**)

acockii Pill. - erect tussock, to 1 m, rhizomatous, scapes simple, sheaths persistent; sandy flats, Hopefield to Peninsula.

aggregatum (Masters) Pill. - erect tussock, 500-800 mm, rhizomatous, sheaths deciduous, female spikelets several-flowered; Riviersonderend Mts., Caledon.
decipiens Esterh. ined. - erect tussock, to 1 m, sheaths deciduous; Hermanus.
deustum Rottb. - erect tussock, 300-700 mm, rhizomatous, sheaths persistent; Peninsula to Bredasdorp.
ebracteatum (Kunth) Pill. - erect tussock, 300-800 mm, sheaths deciduous, one or two flowers per female spikelet; Worcester to Peninsula, Riversdale.
hookerianum (Masters) Pill. - erect tussock, 300-800 mm, sheaths deciduous, one or two flowers per female spikelet; Stellenbosch to Peninsula, Bredasdorp.
marlothii (Pill.) Pill. - erect tussock, 500-800 mm, rhizomatous, sheaths deciduous, female spikelets several-flowered; mountains, Worcester, Caledon, Montagu.
microcarpum (Kunth) Pill. - rhizomatous, scapes much-branched, sheaths free, persistent; coastal dunes, Peninsula to Port Elizabeth.
mucronatum (Nees) Pill. - erect tussock, to 2 m, rhizomatous, spathes 50-100 mm; marshes and seeps, Clanwilliam to Knysna.
nudum Rottb. - erect tussocks, 300-500 mm, rhizomatous, sheaths deciduous; sandy flats, Malmesbury to Bredasdorp.
rectum (Masters) Pill. - erect tussock, to 600 mm, rhizomatous, scapes slender, sheaths deciduous; damp, often clay flats, Caledon, Stellenbosch, Peninsula.
tectorum (L.f.) Rafin. - erect tussock, to 1 m, rhizomatous, sheaths deciduous; marshes and seeps, Clanwilliam to Port Elizabeth.

DOVEA 1 sp - S W Cape
(= **Chondropetalum** in part)

macrocarpa Kunth - caespitose, to 1 m, rhizomatous, scapes branched, sheaths deciduous, female flower large; mountains, Clanwilliam to Piketberg.

ELEGIA 32 sp - S W to E Cape

altigena Pill. - rhizomatous, scapes simple, sheaths deciduous; Uniondale.
asperiflora (Nees) Kunth - rhizomatous, to 700 mm, scapes simple, somewhat compressed, sheaths persistent; Clanwilliam to Humansdorp (E Cape).
atratiflora Esterh. ined. - erect tussock, to 700 mm, scapes simple, sheaths dark brown, nitid, deciduous; Caledon.
caespitosa Esterh. ined. - erect tussock, to 400 mm, scapes simple, compressed, sheaths deciduous; Paarl to Caledon, Swellendam.
capensis (Burm. f.) Schelpe - caespitose, to 2 m, scapes with dense sterile verticillated branches; usually streamsides, Clanwilliam to Port Elizabeth.
coleura Masters - rhizomatous-caespitose, 400-600 mm, scapes simple, somewhat compressed, sheaths deciduous; damp sandy flats, Peninsula to Humansdorp.
cuspidata Masters - caespitose, to 1 m, bracts and spathellae setaceous; Peninsula, Caledon.
equisetacea (Masters) Masters - erect tussock, to 1 m, often with a few verticillated branches; Swellendam to Humansdorp.
esterhuyseniae Pill. - erect tussocks, to 300 mm, rhizomatous, scapes simple, sheaths deciduous, variegated spathes obscuring female flowers; Clanwilliam to Worcester, Stellenbosch.
extensa Pill. - rhizomatous, with clusters of erect scapes to 500 mm; Tulbagh.
fenestrata Pill. - erect tussock, to 600 mm, rhizomatous, scapes simple, sheaths deciduous; Peninsula to Bredasdorp.
filacea Masters - (= **E. parviflora** Kunth); erect tussock, to 500 mm, scapes simple, slender, sheaths deciduous; Clanwilliam to Port Elizabeth.
fistulosa Kunth - caespitose, to 700 mm, scapes simple, fistulose, often spreading through the vegetation, sheaths deciduous; Malmesbury to Uitenhage.

fucata Esterh. ined. - caespitose, rhizomatous, scapes simple, 200-400 mm, sheaths deciduous, bracts and spathellae setaceous; Worcester.
galpinii N.E. Br. - erect tussock, to 1 m, scapes simple, from creeping rhizomes, sheaths and female spathes deciduous; Langeberg, Montagu to Riversdale.
grandis (Nees) Kunth - erect tussock, to 1 m, scapes branched, spathes large, persistent, green; mountains, Paarl to Caledon.
hutchinsonii Pill. - erect tussock, scapes branched, sheaths persistent; mountains, Ceres, Tulbagh, Paarl.
intermedia (Steud.) Pill. - erect tussock, to 1 m, scapes simple, sheaths deciduous, inflorescence dense, spathes papery; Cape Peninsula.
juncea L. - erect tussock, 300-800 mm, rhizomatous, scapes simple, sheaths deciduous; Tulbagh to Peninsula, Swartberg Mts.
muirii Pill. - caespitose, 300-600 mm, scapes branched, sheaths persistent, free, spathes larger than sheaths; coastal, Bredasdorp to Riversdale.
neesii Masters - caespitose, to 700 mm, scapes sparsely branched, sheaths green, closely convolute; Clanwilliam to Caledon.
persistens Pill. - caespitose, to 1 m, rhizomatous, scapes simple, spathes variegated, completely obscuring female flowers; mountains, Worcester to Caledon.
prominens Pill. - caespitose, scapes much-branched, ovary exceeding perianth; coastal flats, Malmesbury to Bredasdorp.
racemosa (Poir.) Pers. - erect tussock, to 1 m, more or less rhizomatous, scapes simple, sheaths deciduous, spathes obscuring the female flowers, pale margins; Worcester to Uitenhage.
spathacea Masters - erect tussock, 300-600 mm, scapes simple, female spathes obscuring the flowers; mountains, Paarl to Caledon.
squamosa Masters - erect tussock, to 200 mm, rhizomatous, scapes simple, sheaths deciduous; seasonally wet flats, Paarl, Peninsula to Caledon.
stipularis Masters - caespitose, scapes branched, 300-500 mm, sheaths persistent, like the spathes; Peninsula to Mossel Bay.
stokoei Pill. - caespitose, scapes sparsely branched, sheaths deciduous; mountains, Tulbagh, Worcester.
thyrsifera (Rottb.) Pers. - erect tussock, to 1 m, rhizomatous, scapes simple, sheaths deciduous, spathellae large; Peninsula to Knysna.
thyrsoidea (Masters) Pill. - erect tussock, to 800 mm, rhizomatous, spathes without pale margins, overlapping and obscuring the flowers; mountains, George to Humansdorp.
vaginulata Masters - rhizomatous, 200-400 mm, scapes simple, well spaced on rhizomes; Clanwilliam to Port Elizabeth (E Cape).
verreauxii Masters - rhizomatous, 150-300 mm, scapes simple, tufted along rhizome, sheaths deciduous; flats, Malmesbury to Bredasdorp.

HYDROPHILOS 1 sp - S W Cape
(= **Leptocarpus** in part)

rattrayi (Pill.) Linder ined. - caespitose, scapes sparsely branched, 500-700 mm, floral bracts chartaceous, spikelets 15-25 mm; Clanwilliam to Swartberg Mts.

HYPODISCUS 16 sp - S W and S Cape, Namaqualand

albo-aristatus (Nees) Masters - erect tussock, 300-700 mm, scapes simple, male and female spikelets similar, to 10 mm, bracts long-acuminate; Tulbagh to Swartberg Mts., Humansdorp.
alternans Pill. - erect tussock, 300-550 mm, scapes simple, male spikelets 5-10 mm, bracts reddish, acute; Caledon.

argenteus (Thunb.) Masters - erect tussock, to 1 m, scapes simple, striate, male spikelets many, to 5 mm, bracts hyaline, female spikelets to 20 mm; Clanwilliam to Riversdale.
aristatus (Thunb.) Masters - erect tussock, 300-800 mm, scapes simple, male and female spikelets similar, to 20 mm, floral bracts long-acuminate; Clanwilliam to Humansdorp.
laevigatus (Kunth) Linder ined. - (= **H. binatus** (Steud.) Masters); erect tussock, 400-800 mm, scapes simple, male and female spikelets similar, 5-10 mm, bracts acute; Clanwilliam to Riversdale.
montanus Esterh. ined. - erect tussock, 150-400 mm, scapes simple, obscurely sulcate, spathes overtopping the spikelets; Swellendam.
neesii Masters - erect tussock, 300-500 mm, scapes simple, striate, male and female spikelets dissimilar, male spikelets several, bracts hyaline; Clanwilliam to Witteberg.
parkeri Pill. - erect tussock, 200-300 mm, scapes simple, bracts abruptly acute; Piketberg to Swartberg Mts.
procurrens Esterh. ined. - rhizomatous, scapes simple, to 200 mm, striate, floral bracts acuminate; Bredasdorp.
rigidus Masters - erect tussock, scapes simple, striate, 200-600 mm, bracts acuminate; Bredasdorp.
rugosus Masters - (= **H. paludosus** Pill.); rhizomatous, scapes simple, 200-250 mm, male and female spikelets similar, to 7 mm, bracts acuminate; Malmesbury to Bredasdorp.
squamosus Esterh. ined. - erect tussock, 200-600 mm, scapes simple, compressed; Caledon, Robertson.
striatus (Kunth) Masters - erect tussock, 200-600 mm, scapes simple, striate, male and female spikelets dissimilar, female spikelet solitary, rarely geminate; Clanwilliam to Port Elizabeth (Namaqualand).
sulcatus Pill. - rhizomatous, scapes flexuose, stout, sulcate, 200-400 mm, female spikelets solitary; Worcester.
synchroolepis (Steud.) Masters - erect tussock, to 400 mm, scapes simple, male and female spikelets similar, 5-10 mm, bracts acuminate, Swartberg Mts., Humansdorp to Riversdale.
willdenowia (Nees) Masters - rhizomatous, scapes simple, 150-400 mm, compressed, spikelets solitary; Ceres to Peninsula, Humansdorp.

HYPOLAENA
(see **Mastersiella** and **Anthochortus**)

ISCHYROLEPIS ca 47 sp - S W to E Cape, Namaqualand, Karoo
(= **Restio** in part)

affinis Esterh. ined. - erect tussock, to 600 mm, scapes branched, floral bracts acuminate; Swellendam.
arida (Pill.) Linder ined. - erect tussock, to 300 mm, scapes finely tuberculate, branched; mountains, Nieuwoudtville to Witteberg (Namaqualand).
caespitosa Esterh. ined. - caespitose, to 200 mm, scapes much-branched, tubercled, usually flexuose; Bredasdorp, Caledon, Riviersonderend Mts. to coast.
capensis (L.) Linder ined. - (= **R. cuspidata** Thunb.); tangled-caespitose, to 500 mm, scapes branched, often sterile, tubercled, floral bracts long-acuminate, recurved; Clanwilliam to Port Elizabeth.
cincinnata (Masters) Linder ined. - caespitose, to 500 mm, scapes much-branched, tubercled, flexuose; Peninsula to Riviersonderend Mts.

coactilis (Masters) Linder ined. - erect tussock, 200-300 mm, scapes branched, leaf-sheath with woolly bract; mountains, Tulbagh to Wellington.
curvibracteata Esterh. ined. - caespitose, 200-400 mm, scapes simple, floral bracts acuminate, recurved; mountains, Ceres to Caledon.
curviramis (Kunth) Linder ined. - tangled-caespitose, 200-500 mm, leaf-sheaths with coriaceous section truncate; Clanwilliam to Peninsula, George.
distracta (Masters) Linder ined. - caespitose, to 500 mm, scapes branched, finely and densely tuberculate, sheaths occ. with exserted woolly bract; Clanwilliam to Willowmore (Karoo, E Cape).
duthieae (Pill.) Linder ined. - caespitose, 200-500 mm, stoloniferous, scapes branched, finely tuberculate; flats, Paarl to False Bay.
eleocharis (Nees) Linder ined. - rhizomatous, 200-400 mm, scapes erect, much-branched, spikelets solitary, terminal; coastal, mainly limestone, Peninsula to Port Elizabeth.
esterhuyseniae (Pill.) Linder ined. - caespitose, often tangled, to 400 mm, scapes branched with prominent tubercles; Karoopoort, Ceres district.
feminea Esterh. ined. - erect tussock, 150-300 mm, rhizomatous, scapes branched; Caledon.
fuscidula (Pill.) Linder ined. - caespitose, to 500 mm, scapes simple, spikelets sub-globose; Worcester.
gaudichaudiana (Kunth) Linder ined. - caespitose, often tangled, to 1 m, sheaths free from axis, scapes branched, obscurely tubercled; Clanwilliam to Uniondale.
gossypina (Masters) Linder ined. - erect tussock, to 500 mm, scapes slender, branched, woolly bracts in sheath axes; Clanwilliam, Piketberg to Worcester (Namaqualand, W Karoo).
helenae (Masters) Linder ined. - caespitose, to 600 mm, scapes branched, sparsely punctate, sheaths obtuse; Ceres to Humansdorp (Natal).
hystrix (Masters) Linder ined. - erect tussock, to 1,5 m, scapes branched, floral bracts long-acuminate, erect; southern Cape mountains, Ceres to Willowmore, Uniondale.
karooica Esterh. ined. - caespitose, to 300 mm, scapes more or less erect, branched, with prominent tubercles; Ceres (Karoopoort) to Touwsrivier.
laniger (Kunth) Linder ined. - caespitose, to 300 mm, scapes branched, often flexuose, leaf axils with woolly scales; mountains, Gifberg to Swartberg Mts.
leptoclados (Masters) Linder ined. - rhizomatous, scapes erect, with numerous verticillate branches, spikelets solitary, terminal; coastal, Caledon to Knysna.
longiaristata Pill. ex Linder ined. - caespitose, to 500 mm, sheaths loosely convolute, scapes branched, tubercled; Gifberg Mts.
macer (Kunth) Linder ined. - caespitose, to 400 mm, scapes branched, densely tubercled; Gifberg to Ceres and Malmesbury.
marlothii (Pill.) Linder ined. - caespitose, to 500 mm, scapes branched, tubercled, female spikelets solitary, floral bracts acuminate; lower slopes, Gifberg to Witteberg.
monanthos (Masters) Linder ined. - erect tussock, to 600 mm, scapes branched; Clanwilliam to Bredasdorp.
nana Esterh. ined. - tangled-caespitose, 100-200 mm, stoloniferous, scapes branched, subflexuose; high alt., Clanwilliam to Worcester.
nubigena Esterh. ined. - caespitose, to 800 mm, scapes finely tuberculate, sheaths tightly convolute; mountains, Ceres to Caledon.
ocreata (Kunth) Linder ined. - erect tussock, to 800 mm, scapes branched, floral bracts long-acuminate, recurved, male spikelets densely clustered, female spikelets usually solitary; Clanwilliam to Peninsula, Caledon to Oudtshoorn (Namaqualand).

paludosa (Pill.) Linder ined. - caespitose, 200-300 mm, scapes branched, sheaths setaceous; seasonally wet sand, Citrusdal to Bredasdorp.
papillosa Esterh. ined. - caespitose, 200-500 mm, scapes branched, often swollen at the base; flats, Malmesbury to Humansdorp.
pratensis Esterh. ined. - stoloniferous, to 200 mm, scapes branched, coriaceous part of sheath truncate; Cape Peninsula.
pygmaea (Pill.) Linder ined. - caespitose, 80-200 mm, scapes branched, sheaths loosely convolute; mountains, Ceres to Worcester.
rivulus Esterh. ined. - tangled and mat-forming, stoloniferous, scapes branched, up to 800 mm, spikelets usually solitary; Cold Bokkeveld and southern Cedarberg.
rottboellioides (Kunth) Linder ined. - caespitose, scapes branched, finely tuberculate, female spikelets closely adpressed to scape; Clanwilliam (Namaqualand).
sabulosa (Pill.) Linder ined. - rhizomatous, scapes to 300 mm, branched; coastal, Cape Flats to Bredasdorp.
schoenoides (Kunth) Linder ined. - caespitose, sometimes stoloniferous, to 600 mm, scapes branched; Clanwilliam to Humansdorp (Natal, Lesotho, Transvaal).
setiger (Kunth) Linder ined. - caespitose, to 600 mm, scapes sparsely branched, floral bracts long-acuminate, recurved, leaf-sheaths closely convolute; Clanwilliam.
sieberi (Kunth) Linder ined. - caespitose, occ. tangled, scapes branched, frequently with shorter sterile scapes; Clanwilliam to Port Elizabeth (Namaqualand, E Cape).
sporadica Esterh. ined. - tangled, 150-200 mm, scapes branched, flexuose, finely tuberculate, spreading; seasonally wet sand, Malmesbury to Bredasdorp.
subverticillata Steud. - caespitose, to 1,5 m, branches numerous, verticillate, mostly fertile; along streams, Worcester to Riviersonderend.
tenuissima (Kunth) Linder ined. - tangled-caespitose, stoloniferous, scapes slender, branched, spikelets usually solitary; Ceres to Peninsula, Caledon.
triflora (Rottb.) Linder ined. - caespitose, to 600 mm, scapes finely punctate, branched, branches often sterile, spikelets very narrowly elliptic; Paarl, Peninsula to Port Elizabeth (E Cape).
unispicata Linder ined. - caespitose, to 600 mm, scapes branched, bluish, densely and finely tubercled, female spikelets solitary; Clanwilliam to Uniondale.
virgea (Masters) Linder ined. - caespitose, scapes to 600 mm, branched, floral bracts acuminate, erect, spikelets densely clustered; mountains, Clanwilliam to Caledon.
wallichii (Masters) Linder ined. - rhizomatous-caespitose, 200-300 mm, scapes branched, finely spotted, sheaths setaceous; Clanwilliam to Riviersonderend.
wittebergensis Esterh. ined. - caespitose, 300-500 mm, scapes branched, densely and obsoletely tubercled, spikelets densely aggregated; Witteberg Mts.

LEPTOCARPUS
(see **Calopsis**, **Hydrophilos**)

MASTERSIELLA 3 sp - S W and S Cape
(= **Hypolaena** in part)

digitata (Thunb.) C. Benedict - caespitose, scapes branched, to 1 m, spreading to erect, male spikelets 5-15 mm, much exceeding bracts; Peninsula to Bredasdorp.
purpurea (Pill.) Linder ined. - caespitose, scapes branched, to 1 m, spreading to rarely erect, male spikelets to 5 mm, as long as bracts; Willowmore, Riversdale to Humansdorp.

spathulata (Pill.) Linder ined. - caespitose, scapes branched, to 1 m, spreading to erect, male spikelets and bracts to 5 mm; Uitenhage to Bredasdorp.

NEVILLEA 2 sp - S W Cape
(= **Restio** in part)

obtusissimus (Steud.) Linder ined. - erect tussock, 600-800 mm, sheaths rounded apically, male spikelets 10-20 mm, obtuse, bracts rounded, to 4 mm; Tulbagh to Peninsula, Caledon.
singularis Esterh. ined. - erect tussock, 300-600 mm, sheaths obtuse; Caledon.

PHYLLOCOMOS
(= **Anthochortus**)

PLATYCAULOS 8 sp - S W and S Cape
(= **Restio** in part)

acutus Esterh. ined. - caespitose, 150-300 mm, scapes compressed, branched, female spikelets solitary; Swellendam.
anceps (Masters) Linder ined. - mat-forming, scapes more or less compressed, branched, female spikelets numerous per branch; Caledon to Humansdorp.
callistachyus (Kunth) Linder ined. - caespitose, to 2,5 m, scapes branched, ultimate branches compressed, female spikelets solitary; Ceres to Uitenhage.
cascadensis (Pill.) Linder ined. - caespitose to spreading, scapes compressed, thickened at margins, branched, usually trailing through vegetation, female spikelets solitary or geminate; Caledon.
compressus (Rottb.) Linder ined. - matted to caespitose, scapes branched, compressed, 0,5-1 m, female spikelets several, 10-20 mm; Ceres to Humansdorp.
depauperatus (Kunth) Linder ined. - caespitose, 200-400 mm, scapes branched, compressed, flexuose, female spikelets solitary; Tulbagh to Stellenbosch.
major (Masters) Linder ined. - scapes to 1 m, trailing through vegetation, compressed, female spikelets usually several, 10-40 mm; Peninsula to Caledon.
subcompressus (Pill.) Linder ined. - caespitose, to 200 mm, scapes branched, compressed, female spikelets solitary; Bains Kloof to Elgin.

RESTIO ca 88 sp - southern and S tropical Africa, Madagascar
(see also **Ischyrolepis, Nevillea, Rhodocoma, Platycaulos**)

acockii Pill. - erect tussock, 600-800 mm, scapes compressed, sparingly branched, spikelets narrowly elliptic, bracts with purple apices; seasonally wet sand, Peninsula to Malmesbury.
alticolus Pill. - caespitose, to 600 mm, scapes much-branched, sheaths free, spikelets solitary; Worcester to Paarl.
ambiguus Masters - caespitose, to 500 mm, scapes branched, sheaths red-brown with white speckling, acuminate, decaying to truncate; Peninsula to Caledon.
arcuatus Masters - to 600 mm, scapes branched with ultimate branches flexuose, sheaths loosely convolute, spikelets solitary, 5 mm; Clanwilliam, Swellendam.
aureolus Pill. - scapes to 20 mm, female spikelets solitary or geminate, elliptic, to 8 mm, bracts with hyaline margins; Worcester.
bifarius Masters - erect tussock, 500-800 mm, scapes sparingly branched, female spikelets solitary or geminate, male numerous, pendulous, floral bracts narrowly ovate, reddish, margins undulate; Peninsula, Caledon.
bifidus Thunb. - erect tussock, 500-600 mm, scapes sparingly branched, bracts narrowly ovate, brown, concolorous, to 10 mm; Peninsula, Caledon.

bifurcus Masters - erect tussock, to 1 m, scapes sparsely branched, inflorescences with about 10 spikelets; Peninsula to Caledon, Witteberg.

bolusii Pill. - erect tussock, to 600 mm, scapes sparsely branched, female spikelets 10-20 mm, ellipsoid, acute, fewer than 6 per spike; Worcester to Bredasdorp.

brachiatus (Masters) Pill. - caespitose, to 800 mm, scapes branched, female spikelets in a compound raceme, bracts with hyaline margins; Tulbagh, Paarl to Witteberg.

brunneus Pill. - erect tussock, 500-800 mm, scapes sparsely branched, spikelets 10-20 mm, bracts acuminate with spreading apices; Cedarberg Mts.

burchellii Pill. - erect tussock, to 500 mm, scapes sparsely branched, spikelets ellipsoid, acute, to 10 mm; Caledon.

capillaris Kunth - scapes slender, tangled, to 600 mm, branched, spikelets single or several, bracts chartaceous; Paarl to Swellendam.

colliculosemens Linder ined. - scapes branched, tangled, 200-300 mm, obscurely rugulose, slender; Riviersonderend Mts., Caledon.

communis Pill. - caespitose, scapes branched, conspicuously tuberculate, female spikelets solitary or geminate; Cape Peninsula.

confusus Pill. - caespitose, 200-600 mm, scapes simple, swollen at base, spikelets 2-8 per branch; Clanwilliam to Caledon.

corneolus Esterh. ined. - caespitose, scapes 150-900 mm, sparsely branched, obscurely rugulose, spikelets one to several; Caledon to Swellendam.

cymosus (Masters) Pill. - caespitose, to 1,5 m, scapes sparsely branched, female spikelets numerous, several-flowered, bract margins hyaline; Paarl to Clanwilliam (Namaqualand).

debilis Nees - caespitose, 150-400 mm, scapes branched, sheaths with awns to 4 mm; Ceres to Caledon.

decipiens (Masters) Linder ined. - caespitose, scapes ascending, much-branched, spathes exceeding the female spikelets, solitary; Swellendam to Riversdale.

dispar Masters - caespitose, to 1 m, scapes branched, spathes exceeding the spikelets, 20-50 mm, reddish with yellow speckling; Peninsula to Worcester, Caledon.

distans Pill. - scapes to 500 mm, wrinkled, much-branched, spikelets 4-8, to 5 mm; Caledon.

distichus Rottb. - caespitose, scapes branched, female spikelets several per branch, bracts cartilaginous, narrowly lanceolate, apices hyaline; Cold Bokkeveld to Peninsula, Swartberg and Langeberg Mts.

dodii Pill. - tussock, to 1 m, scapes sparsely branched, upper half of sheaths and bracts abruptly hyaline; Peninsula, Bredasdorp.

echinatus Kunth - caespitose, 300-500 mm, scapes scarcely branched, floral bracts acuminate, reflexed; Wellington to Tulbagh.

egregius Hochst. - erect tussock, to 1 m, scapes sparsely branched, female spikelet solitary, 20-40 mm, male spikelets paniculate, pendent; Peninsula to Villiersdorp, Bredasdorp.

ejuncidus Masters - scapes erect, branched, with white tubercles, spikelets with long chartaceous acute bracts; Citrusdal, Porterville Mts., Stellenbosch, Riviersonderend Mts. to Swellendam.

exilis Masters - erect tussock, 300-500 mm, scapes sparsely branched, female spikelets solitary or geminate, bracts with purple margin or apex; Riviersonderend Mts.

festucaeformis Masters - caespitose, to 400 mm, scapes sparsely branched, spikelets numerous, lax, bracts narrowly lanceolate, chartaceous, acute, Caledon.

filicaulis Pill. - caespitose, 200-300 mm, scapes slender, simple, spikelets solitary; Ceres.

filiformis Poir. - caespitose, 300-600 mm, scapes erect, sparsely branched, female spikelets 1-6, flowers and bracts nearly equal; Gifberg to Riversdale.

fourcadei Pill. - tangled, to 1 m, scapes much-branched near apices, tubercled, most branchlets fertile with 1-2 spikelets; usually riverine forest, Swellendam to Humansdorp.

fragilis Esterh. ined. - tangled, to 300 mm, scapes slender, rugulose, branched; Swellendam.

fusiformis Pill. - caespitose, to 400 mm, scapes sparsely branched, male and female spikelets ellipsoid, acute, 10-15 mm; Caledon.

harveyi Masters - caespitose to mat-forming, 100-150 mm, stoloniferous, scapes slender, much-branched, tuberculate; clay and gravel flats, Peninsula to Bredasdorp.

implicatus Esterh. ined. - tangled, to 600 mm, scapes slender, rugulose, sheaths loosely convolute, spikelets solitary or geminate; Swellendam.

inconspicuus Esterh. ined. - stoloniferous, to 1 m, scapes spreading, branched, spikelets 4-8, imbricate; Swellendam to George.

ingens Esterh. ined. - caespitose, to 1 m, scapes often much-branched towards the apex, roughly tuberculate, spikelets solitary; Riviersonderend Mts.

insignis Pill. - erect tussock, 400-600 mm, scapes sparingly branched, spikelets globose to ovate, solitary or geminate; Clanwilliam to Ceres.

intermedius (Pill.) Linder ined. - tangled, scapes much-branched, sheaths with large hyaline shoulders, spikelets one to several, to 8 mm; Stellenbosch to Caledon.

inveteratus Esterh. ined. - erect tussock, to 600 mm, scapes sparsely branched, female spikelets laxly racemose, elliptic; mountains, Paarl to Worcester.

involutus Pill. - scapes stout below, much-branched above, usually with large tubercles, spikelets 7-15 mm, racemose; Caledon.

leptostachyus Kunth - tangled, scapes branched, female spikelets solitary, bracts acute, setaceous; Paarl to Caledon.

micans Nees - caespitose, to 500 mm, scapes sparsely branched, often compressed below, female spikelets narrow-elliptic, to 20 mm; wet flats, Malmesbury, Peninsula and Cape Flats.

miser Kunth - caesptiose, 300-500 mm, scapes slender, simple, spikelets several, racemose; Clanwilliam to Caledon.

montanus Esterh. ined. - scapes erect or spreading, to 600 mm, much-branched towards the apices, tangled, roughly tubercled; Slanghoek Needle, Worcester.

multiflorus Sprengel - scapes somewhat spreading, to 1 m, occ. caespitose, sparsely branched, bracts slightly shorter than flowers; Piketberg to Bredasdorp.

nodosus Pill. - erect tussock, 200-400 mm, scapes branched, spikelets solitary, globose, to 10 mm, bract apices crisped, black; mountains, Worcester.

nuwebergensis Esterh. ined. - erect tussock, to 300 mm, scapes simple, spikelets with numerous recurved bracts; Hottentots Holland Mts.

obscurus Pill. - erect tussock, 200-800 mm, scapes branched, spikelets subglobose, bracts black, apices reflexed; mountains, Bains Kloof to Stellenbosch.

occultus (Masters) Pill. - caespitose, to 1 m, scapes branched, spikelets numerous, male spikelets pendent; Clanwilliam to Witteberg, Caledon.

pachystachyus Kunth - erect tussock, to 800 mm, scapes sparingly branched, female spikelets 10-20 mm, bracts acuminate; Ceres to Caledon.

papyraceous Pill. - caespitose, to 600 mm, scapes simple, sheaths with the apices decaying, loosely convolute, spikelets globose, 15-20 mm, Swartberg Mts.

patens Masters - tangled, scapes branched, spikelets one to several per branch, bracts with hyaline margins; Clanwilliam to Ceres.

peculiaris Esterh. ined. - caespitose, 200-400 mm, scapes branched, stout, densely tuberculate, bracts and sheaths with wide hyaline margins; Swellendam.

pedicellatus Masters - caespitose, 200-400 mm, scapes simple, slender, bases thickened; Clanwilliam to Caledon.

perplexus Kunth - tangled, scapes slender, to 600 mm, much-branched, tuberculate, spikelets single, bracts with hyaline margins; Ceres to Peninsula, Riversdale.
perseverans Esterh. ined. - caespitose, scapes branched, 200-400 mm, female spikelets solitary, to 15 mm; Swellendam to Riversdale.
praeacutus Masters - erect tussock, to 1 m, scapes flattened or grooved, sparsely branched, female spikelets several, racemose; Clanwilliam to Paarl.
pulvinatus Esterh. ined. - caespitose-tangled, stoloniferous, scapes branched, to 200 mm, spikelets solitary or geminate; Worcester, Paarl to Caledon.
pumilus Esterh. ined. - caespitose, to 200 mm, scapes branched, with flat-topped tubercles, sheaths loosely convolute with wide hyaline margins; Caledon.
purpurascens Nees - tussock, to 1 m, scapes branched, somewhat compressed, spikelets 15-25 mm, bracts purplish; Wellington to Peninsula, Caledon.
quadratus Masters - scapes square, to 2 m, spreading through vegetation, erect, branched, inflorescence much-branched; Worcester to Peninsula, Caledon.
quinquefarius Nees - erect tussock, 300-800 mm, scapes branched, female spikelets solitary, 10-20 mm, bracts ca 5 mm; Clanwilliam to Peninsula.
rarus Esterh. ined. - caespitose, 200-300 mm, scapes branched, tuberculate-rugulose, spikelets solitary; Ladismith.
rupicola Esterh. ined. - erect tussock, to 1 m, scapes branched, spikelets elliptic, 7-10 mm, numerous; mountains, Ceres to Worcester.
sarcocladus Masters - caespitose, scapes obscurely rugulose, branched, sheaths with awns 5-10 mm, bracts narrowly lanceolate, chartaceous, concolorous, acute; Paarl to Peninsula, Caledon.
scaber Masters - scapes sparsely branched, roughly tubercled, spikelets solitary; Caledon.
scaberulus N.E. Br. - caespitose, 300-800 mm, scapes roughly and densely tuberculate, subverticillately branched, spikelets solitary or geminate; Riversdale to Humansdorp.
secundus (Pill.) Linder ined. - scapes spreading, branched, tuberculate, spikelets several, obscured by spathes with wide hyaline apices; Swellendam.
sejunctus Masters - scapes spreading, to 600 mm, occ. caespitose, much-branched, bracts and flowers equal; Worcester to Port Elizabeth (E Cape, Karoo, Natal).
similis Pill. - caespitose, 300-600 mm, scapes slender, sparsely branched, sheaths with awns to 5 mm, spikelets solitary or geminate; Caledon, Bredasdorp.
singularis Esterh. ined. - scapes spreading, to 500 mm, branched, densely tuberculate, sheaths loosely convolute, with large hyaline shoulders; Worcester to Paarl.
stereocaulis Masters - caespitose, 200-400 mm, scapes compressed, simple or sparsely branched, sheath with awns to 5 mm; Stellenbosch.
stokoei Pill. - caespitose, to 1 m, scapes branched, tubercled, spikelets racemose; Worcester to Caledon, Swellendam.
strictus N.E. Br. - caespitose, 300-400 mm, scapes sparsely branched, spikelets 1-3, to 15 mm; Caledon to George.
strobilifer Kunth - erect tussock, 300-800 mm, scapes sparsely branched, spikelets 10-20 mm, ellipsoid, acute, solitary or geminate; Clanwilliam to Ladismith.
subtilis Masters - caespitose, 300-500 mm, scapes simple, rarely branched, spikelets several, to 4 m; Caledon.
tetragonus Thunb. - scapes to 1 m, square, occ. branched, inflorescence compound; Peninsula to Humansdorp.
triticeus Rottb. - caespitose, to 800 mm, scapes often with sterile branches below, white-tubercled; Malmesbury to Port Elizabeth (E Cape).
tuberculatus Pill. - caespitose, scapes erect to decumbent, much-branched above, roughly tuberculate, female spikelets exceeding the bracts; Clanwilliam.
vallis-simius Linder ined. - stoloniferous, scapes spreading, to 1 m, branched, floral bracts cartilaginous, without hyaline margins; Baviaanskloof, Humansdorp.

verrucosus Esterh. ined. - caespitose, 100-400 mm, scapes slender, much-branched, roughly and unevenly tuberculate; Caledon.
versatilis Linder ined. - (= **Hypoleana diffusa** Masters); tangled tussock, scapes much-branched, obscurely tubercled, spikelets 1 to several; Paarl, Caledon.
zwartbergensis Pill. - caespitose, to 300 mm, stoloniferous, scapes much-branched, with flat-topped tubercles, sheaths loosely convolute; Caledon.

RHODOCOMA 3 sp - S W to E Cape
(= **Restio** in part)

capensis Steud. - erect tussock, 1-2 m, scapes with numerous verticillated branches, the upper terminating in spikelets; Ceres to Uniondale (E Cape).
fruticosa (Thunb.) Linder ined. - erect tussock, to 600 mm, rhizomatous, scapes simple, male spikelets paniculate, pendent, occ. with branched sterile scapes; Ceres to Humansdorp (E Cape).
gigantea (Kunth) Linder ined. - caespitose, fertile scapes 2-3 m, male spikelets paniculate, pendent, sterile branches verticillate; Riversdale to Humansdorp.

STABEROHA 9 sp - S W and S Cape

aemula (Kunth) Pill. - erect tussock, 300-600 mm, male spikelets globose; Clanwilliam to Prince Albert (excl. Peninsula).
banksii Pill. - erect tussock, to 600 mm, scapes simple, female spikelets solitary or paired, 20-30 mm; Worcester to Peninsula, Bredasdorp.
cernua (L.f.) Durand & Schinz - erect tussock, 300-600 mm, scapes simple, male spikelets numerous, 5-7 mm wide; Ceres to Peninsula, Swartberg Mts.
distachya (Rottb.) Kunth - erect tussock, 300-600 mm, scapes simple, female spikelets solitary, about half as wide as long; Gifberg to Mossel Bay.
multispicula Pill. - erect tussock, 300-600 mm, scapes simple, female spikelets several; coastal, Caledon, Bredasdorp.
ornata Esterh. ined. - erect tussock, to 300 mm, scapes simple; dry interior Cape mountains, Cedarberg to Swartberg Mts.
remota Pill. - erect tussock, 300-500 mm, rhizomatous, scapes simple, female spikelets obtuse; Ceres to Caledon.
stokoei Pill. - caespitose, to 300 mm, rhizomatous, scapes simple; high alt., Swartberg Mts., Prince Albert to Meiringspoort.
vaginata (Thunb.) Pill. - erect tussock, 300-600 mm, scapes simple; Peninsula, Caledon.

THAMNOCHORTUS ca 31 sp - S W to E Cape, Namaqualand

acuminatus Pill. - caespitose, to 300 mm, obscurely velvety pubescent, sheaths often subimbricate, spathes hyaline with reddish keels; Clanwilliam to Worcester.
arenarius Esterh. ined. - rhizomatous, scapes simple, 300-600 m, sterile much-branched scapes occ. present; Peninsula to Hermanus.
bachmannii Masters - caespitose, 600-800 mm, scapes simple, often sulcate, female spikelets to 10 mm; sandy flats, Clanwilliam to Malmesbury, Worcester (Namaqualand).
cinereus Linder ined. - (= **T. argenteus** Pill.); caespitose, to 800 mm, velvety pubescent, fertile scapes simple, with sterile branches clustered at nodes; Malmesbury to Willowmore, Humansdorp.
dumosus Masters - caespitose, to 300 mm, fertile scapes simple, sterile branched scapes to 100 mm, female floral bracts hyaline and acuminate; Caledon, Bredasdorp.

ellipticus Pill. - caespitose, to 500 mm, rhizomatous, fertile scapes simple, sometimes with sterile branches in second year; Riversdale.

erectus (Thunb.) Masters - tall tussock, to 1,5 m, rhizomatous, scapes simple, spikelets subglobose, to 10 mm; Malmesbury to Knysna.

fraternus Pill. - scapes caespitose, simple, to 1 m, all fertile, female spikelets to 20 mm, bracts narrowly lanceolate, erect, acute; coastal flats, Peninsula to Bredasdorp.

fruticosus Berg. - caespitose, 300-600 mm, often with tufts of sterile branches on the simple scapes, velvety pubescent; Tulbagh to Bredasdorp.

glaber (Masters) Pill. - caespitose, 300-600 mm, rhizomatous, female spikelets to 30 mm; Knysna to Port Elizabeth (E Cape).

gracilis Masters - caespitose, 600-700 mm, fertile scapes branched, spreading, female spikelets to 10 mm, bracts acuminate, margins hyaline above; Peninsula, Caledon.

guthrieae Pill. - caespitose, 300-500 mm, scapes simple, occ. with sterile branches, female spikelets 10-15 mm, bracts cartilaginous; Malmesbury to Bredasdorp.

insignis Masters - large tussock, to 1,5 m, fertile scapes simple, female spikelets, 15-25 mm; Bredasdorp, Caledon.

levynsiae Pill. - rhizomatous, scapes erect, to 1 m, branched, spathes as tall as or taller than the spikelets; Cape Peninsula.

lucens Poir. - (= **T. dichotomus** Pill.); caespitose, fertile scapes to 600 mm, occ. with sterile much-branched scapes, female spikelets 10-20 mm, bracts cartilaginous; Malmesbury, Ceres to Riversdale.

muirii Pill. - caespitose, scapes simple, to over 600 mm, female spikelets several, to 15 mm; coastal flats, Bredasdorp to Mossel Bay.

nutans (Thunb.) Pill. - caespitose, 400-600 mm, scapes simple, occ. with sterile much-branched scapes, female spikelets to 20 mm, bracts cartilaginous; Cape Peninsula.

obtusus Pill. - rhizomatous, scapes 200-300 mm, simple, sterile branched scapes produced from rhizome, female spikelets to 15 mm, floral bracts cartilaginous; coastal flats, Malmesbury to Bredasdorp.

paniculatus Masters - caespitose, to 1 m, rhizomatous, scapes simple, female spikelets 20-30 mm, bract apices somewhat reflexed; limestone, Bredasdorp.

papyraceous Pill. - caespitose, 300-500 mm, scapes simple, floral bracts entirely hyaline; Ladismith to Prince Albert.

pellucidus Pill. - caespitose, to 600 mm, fertile scapes simple, sterile scapes branched, to 200 mm, female spikelets to 20 mm, several aggregated into a head; Bredasdorp, Caledon.

platypteris Kunth - caespitose, scapes simple, to 600 mm, floral bracts entirely or largely hyaline, female flowers with wide wings; Clanwilliam to Witteberg, Little Karoo at Swellendam.

pluristachyus Masters - caespitose, scapes simple, to 1 m, sheaths tightly convolute, female spikelets narrowly elliptic, to 10 mm; Bredasdorp.

pulcher Pill. - caespitose, fertile scapes simple, 200-400 mm, sterile branched scapes produced from base, female spikelets to 20 mm, bracts slender-acuminate; Stellenbosch to Bredasdorp.

punctatus Pill. - caespitose, rhizomatous, 400-600 mm, scapes simple, with sunken brown spots, female spikelets to 20 mm; sandy flats, Nieuwoudtville to Peninsula.

rigidus Esterh. ined. - caespitose, velvety pubescent, to 800 mm, fertile scapes usually with sterile branches clustered at nodes; dry mountains, Clanwilliam to Baviaanskloof Mts.

scabridus Pill. - caespitose, scapes simple, to 400 mm, densely and finely tubercled, female spikelets solitary or geminate, spathes often hyaline; Worcester to Witteberg Mts.

schlechteri Pill. - caespitose, rhizomatous, scapes simple, 200-300 mm, female spikelets solitary, bracts acuminate, chartaceous, with upper margins hyaline; Clanwilliam to Ceres.
spicigerus (Thunb.) Sprengel - tall tussock, to 1,5 m, fertile scapes simple, female spikelets to 20 mm, flowers wider than the bracts; Malmesbury to Knysna.
sporadicus Pill. - rhizomatous, fertile scapes simple, 400-500 mm, occ. with sterile branched scapes, bracts cartilaginous, female spikelets 10-15 mm; Piketberg to Peninsula, Robertson.
stokoei Pill. - caespitose, scapes simple, 300-400 mm, female spikelets 10-25 mm, bracts with wide hyaline margins; mountains, Paarl to Caledon.

WILLDENOWIA 11 sp - S W and S Cape and Namaqualand
(see also **Ceratocaryum**)

affinis Pill. - erect tussock, rhizomatous, scapes branched, female spikelets to 20 mm; Clanwilliam, Peninsula.
arescens Kunth - erect tussock, to 1 m, scapes branched, sheath apices hyaline, female spikelets to 15 mm; Clanwilliam to Worcester, Malmesbury (Namaqualand).
bolusii Pill. - erect tussock, to 1 m, scapes branched, striate, spathes greenish with red margins; Riversdale, Ladismith.
glomerata (Thunb.) Linder ined. - (= **W. lucaeana** Kunth); erect tussock, 0,3-1 m, scapes branched, sheath apices hyaline, nut smooth; Clanwilliam to Uniondale.
humilis Masters - erect tussock, to 300 mm, scapes simple, female spikelets closely adpressed to scape; Clanwilliam to Peninsula.
incurvata (Thunb.) Linder ined. - (= **W. striata** Thunb.); erect tussock, to 2 m, scapes striate and branched, nuts pitted; sandy flats, Clanwilliam to Peninsula (Namaqualand).
purpurea Pill. - caespitose, scapes branched, to 300 mm, stoloniferous, sheaths with awns to 7 mm, female spikelets enclosed by spathes; Caledon.
rugosa Esterh. ined. - caespitose, 150-300 mm, scapes simple, with sheaths only at base; Caledon.
stokoei Pill. - erect tussock, 300-600 mm, scapes simple or rarely branched, female spikelets clustered, nuts pitted; Clanwilliam to Swartberg Mts.
sulcata Masters - scapes spreading, branched, striate, to 500 mm, nuts pitted; Clanwilliam to Caledon.
teres Thunb. - erect to spreading tussock, scapes to 1 m, branched, rhizomatous, nut smooth; Ceres to Uniondale, Caledon.

RUPPIACEAE

RUPPIA 2 sp - temperate and subtropical

maritima L. - submerged aquatic perennial with acute leaves; 9-11; salt pans or brackish streams, Peninsula to Port Elizabeth (cosmopolitan).
spiralis L. ex Dumort. - submerged aquatic perennial with obtuse leaves; 12-2?; saline coastal pools, Clanwilliam to Port Elizabeth (cosmopolitan).

STRELITZIACEAE

STRELITZIA ca 5 sp - E Cape to Zimbabwe

alba (L.f.) Skeels - (Kaapse wildepiesang); large-leafed tree, to 10 m, flowers white; 7-12; forest, George to Humansdorp.

juncea Link - (resembles **S. reginae**); to 1,5 m, leaf-blades absent or very reduced, flowers orange and blue; 11-7; Uitenhage.
reginae Banks - (crane flower, geel piesang); to 1,5 m, leaves produced from base, flowers orange and blue; 1-5; riverbanks or clearings in coastal bush, Humansdorp, Uitenhage (E Cape to Transkei).

TECOPHILAEACEAE

CYANELLA 8 sp - southern Africa

alba L.f. - (toe-toe-uintjie); 70-250 mm, leaves grass-like, flowers 1-2 per spike, white, yellow or pale pink; 7-10; stony flats and plateaus, Nieuwoudtville, Clanwilliam, Ceres.
hyacinthoides L. - (lady's-hand, raaptoluintjie); to 400 mm, leaves 100-200 mm, flowers mauve, pink, or white; 8-1; Nieuwoudtville, Clanwilliam to Peninsula (Namaqualand).
lutea L.f. - (five-fingers); 90-250 mm, flowers yellow, occ. pink; 9-10; widespread except in Peninsula (Namaqualand, Karoo, E Cape).
orchidiformis Jacq. - to 600 mm, flowers mauve, occ. white; 7-9; flats to middle slopes, often wet sites, Clanwilliam (Namaqualand).
pentheri Zahlbr. - to 300 mm, leaves pubescent, grey, flowers pale mauve; 8-9; flats, Clanwilliam (Namaqualand).

WALLERIA 2 sp - W Cape to tropical Africa

gracilis (Salisb.) S. Carter - slender scrambling perennial with prickly stems, leaves ending in tendrils, flowers white with purple; 7-8; Clanwilliam (Namaqualand).

TYPHACEAE

TYPHA 10 sp - cosmopolitan

latifolia L. - (bulrush, matjiesgoed, papkuil); tufted monoecious perennial, to 2 m, flowers in dense brown spikes, small; 12-3; streambanks and marshes, Peninsula to Port Elizabeth (cosmopolitan).

XYRIDACEAE

XYRIS 250 sp - pantropical and subtropical

capensis Thunb. - grass-like perennial, 80-500 mm, flowers yellow; 11-4; marshes, Clanwilliam to Port Elizabeth (E Cape to tropical Africa, India, Brazil).

ZANNICHELLIACEAE

ALTHENIA 1 sp - Cape to Namibia, S Europe

filiformis Petit - small creeping submerged annual, to 150 mm, flowers green; 10; brackish pools, Peninsula to Port Elizabeth (Africa, Europe).

ZANNICHELLIA 2 sp - cosmopolitan

aschersoniana Graebner - slender submerged aquatic, stems to 600 mm, flowers minute; 10-11; coastal brackish pools, Lamberts Bay to Riversdale.

palustris L. - submerged mat-forming grass-like annual, to 500 mm, flowers inconspicuous; 11; fresh or saline pools, Peninsula, Oudtshoorn, Port Elizabeth (cosmopolitan except in Australia).

ZOSTERACEAE

ZOSTERA 11 sp - cosmopolitan in temperate regions

capensis Setch. - (seegras); submerged aquatic perennial, stems to 120 mm, flowers inconspicuous; 1-12; brack or sea water, Saldanha to Port Elizabeth (E Cape to tropical Africa, Madagascar).

ANGIOSPERMAE - DICOTYLEDONAE

ACANTHACEAE

ACANTHOPSIS 8 sp - S W Cape to Namibia

disperma Nees - stemless spiky perennial, 50-100 mm, flowers blue, occ. white; mainly 6-9; rocky places, Clanwilliam, Swellendam (Karoo, Namaqualand, Namibia).

BARLERIA ca 250 sp - tropical and subtropical

irritans Nees - low spiny shrublet, to 200 mm, flowers blue; 3; Uitenhage (Karoo, E Cape).
obtusa Nees - attractive much-branched leafy shrub, 0,6-2 m, flowers mauve to blue; 3-5; sandy soil in shade of shrubs, Uitenhage (E Cape to Transvaal).
pungens L.f. - woody shrublet, 150-300 mm, flowers mauve or white; 11-1; dry slopes, Riversdale, Humansdorp to Port Elizabeth (E Cape).

BLEPHARIS ca 80 sp - Africa to E Indies

capensis (L.f) Pers. - erect spiny shrub, 0,6-2,5 m, flowers whitish; 1-12; dry slopes, Little Karoo, George to Port Elizabeth (E Cape and Karoo).
hirtinervia (Nees) T. Anderson - low spiny shrublet, 150-300 mm, flowers cream; 8-2; Uitenhage, Port Elizabeth (E Cape to Transvaal).
inermis (Nees) C.B. Clarke - spiny shrublet, 100-160 mm, flowers white; 10; karroid areas, Ladismith.
integrifolia (L.f.) E. Meyer - (rankklits); prostrate shrublet, flowers blue; 10-4; Riversdale, Humansdorp to Port Elizabeth (E Cape to tropical Africa, India).
procumbens (L.f.) Pers. - spreading woody perennial, flowers blue; 7-1; Humansdorp to Port Elizabeth (E Cape).
villosa (Nees) C.B. Clarke - low spiny shrublet, to 50 mm, flowers white or blue; 1-2; karroid areas, George (Karoo).

CHAETACANTHUS 8 sp - S W Cape to Natal

setiger (Pers.) Lindley - low much-branched shrublet, 150-300 mm, flowers white, occ. blue; 10-1; grassland or forest margins, Mossel Bay to Port Elizabeth (E Cape to Natal).

DICLIPTERA ca 150 sp - tropical and subtropical

zeylanica Nees - lax perennial, 300-600 mm, flowers white; 4-10; forests, Knysna (E Cape, India and Sri Lanka).

HYPOESTES ca 150 sp - palaeotropics, esp. Madagascar

aristata R. Br. - (seeroogblommetjie); attractive shrub, 300-900 mm, flowers mauve; 1-12; coastal forest margins, Cape Infanta, Knysna to Port Elizabeth (E Cape to tropical East Africa).
verticillaris (L.f.) R. Br. ex C.B. Clarke - sprawling or erect perennial, 100-900 mm, flowers white, occ. mauve; 1-12; coastal forest margins, George to Port Elizabeth (E Cape to southern tropical Africa).

ISOGLOSSA 50 sp - tropical and southern Africa, Madagascar

ciliata (Nees) Lindau - shrub or shrublet to 1 m, flowers pink or white with spotted throat; 4-6; forest margins, Uitenhage (E Cape to Natal) .
eckloniana (Nees) Lindau - lax perennial, to 400 mm, flowers white; 3-9; coastal, forest margins, Humansdorp to Uitenhage (Natal, Transvaal?).
sylvatica Burchell ex C. B. Clarke - (resembles **I. ciliata** Lindau); flowers white; ?; forest, Knysna (poorly known).

JUSTICIA 300 sp - cosmopolitan

bowiei C.B. Clarke - perennial, 300-600 mm, flowers blue; 12-3; coastal bush, George to Uitenhage (E Cape).
capensis Thunb. - soft shrub, to 2,5 m, flowers white or magenta; 11-4; forest margins, Humansdorp to Port Elizabeth (E Cape, N Cape).
cuneata Vahl - rigid shrublet, 200-600 mm, flowers white; 7-9; karroid slopes, Clanwilliam, Uitenhage (Namaqualand, Namibia?).
orchioides L. f. - twiggy shrub, 150-600 mm, flowers white; 7-10; dry stony areas, Ladismith, Uitenhage (Roodeberg Pass).

MONECHMA 60 sp - tropical and southern Africa, India (1 sp)

robustum Bond - much-branched rigid shrub, to 400 mm, flowers white; 8-12; Little Karoo.

PERISTROPHE 30 sp - Africa to Malaysia

caulopsila (E. Meyer) Presl - branched shrublet, to 400 mm, flowers magenta; 3-4; stony hillsides, Humansdorp to Uitenhage (E Cape).
cernua Nees - soft somewhat sprawling shrub, flowers magenta; 9-4; karroid slopes, Humansdorp to Uitenhage (E Cape).

RUELLIA ca 150 sp - pantropical

pilosa L.f. - dwarf shrublet, flowers blue; 11-2; renosterveld, Swellendam to Mossel Bay (E Cape to Natal).

THUNBERGIA 200 sp - palaeotropical

capensis Retz. - sprawling perennial, 100-400 mm, flowers creamy-yellow; 10-4; grassland or coastal bush, Mossel Bay to Knysna (E Cape, Transkei).
dregeana Nees - (haarbos); herbaceous climber, flowers creamy-yellow; 11-2; streamsides, Oudtshoorn, George to Port Elizabeth (E Cape to Natal).

ACHARIACEAE

ACHARIA 1 sp - E Cape to Natal

tragodes Thunb. - sprawling perennial, 300-400 mm, flowers greenish; 9-3; forest margins, Uitenhage, Port Elizabeth (E Cape to Natal).

CERATIOSICYOS 1 sp - S Cape to E Transvaal

laevis (Thunb.) A. Meeuse - herbaceous climber, flowers cream; 4-8; forest margins, Knysna, Uitenhage, Port Elizabeth (E Cape to E Transvaal).

AIZOACEAE

ACROSANTHES 5 sp - S W Cape

anceps (Thunb.) Sonder - much-branched sprawling shrublet to 500 mm, flowers white; 9-11; lower mountain slopes, Piketberg, Clanwilliam to Worcester.
angustifolia Ecklon & Zeyher - much-branched erect or sprawling shrublet, 150-600 mm, flowers white; 11-12; Piketberg, Cedarberg to Worcester.
humifusa Sonder - prostrate yellow-green mat-forming shrublet, to 300 mm in diam., flowers yellowish or purple; 12-1; Cedarberg, Ceres, Worcester.
microphylla Adamson - blackish-green prostrate shrublet, flowers white; 10-12; high alt. among rocks, Cedarberg to Worcester, Witteberg, Montagu.
teretifolia Ecklon & Zeyher - slender much-branched lax shrublet, 80-800 mm, flowers white; 10-2; lower slopes, Tulbagh to Peninsula, Caledon, Bredasdorp.

ADENOGRAMMA 10 sp - S W Cape to Namibia

capillaris (Ecklon & Zeyher) Druce - slender shrublet to 600 mm, flowers green; 10-12; near mountain streams, Worcester, Bredasdorp, Knysna.
congesta Adamson - dwarf branched annual, 50-200 mm, flowers white; 11-12; Worcester.
glomerata (L.f.) Druce - wiry-stemmed spreading annual, 150-500 mm, flowers white; 8-10; sand, Lokenberg, Clanwilliam to Peninsula, Worcester, Ladismith to Humansdorp (W Karoo, Namaqualand, Namibia).
lichtensteiniana (Schultes) Druce - spreading much-branched wiry shrublet, to 1 m in diam., flowers white; 8-12; Cedarberg to Peninsula, Riversdale (E Cape).
littoralis Adamson - prostrate much-branched soft annual, 50-150 mm, flowers white; 10-11; coastal sand, Piketberg, Caledon (Namaqualand).
mollugo Reichb. f. - (muggiesgras); slender much-branched annual, 50-300 mm, flowers white; 9-10; damp sand, Gifberg, Clanwilliam to Worcester, Peninsula.
physocalyx Fenzl - slender much-branched annual, 50-150 mm, flowers white; 10; damp low-lying areas, Paarl, Ceres, Swellendam.
rigida (Bartling) Sonder - sprawling perennial with slender annual shoots, 200-600 mm, flowers green or brown; 10; Peninsula, Caledon.
sylvatica (Ecklon & Zeyher) Fenzl - slender sprawling perennial to 1 m in diam., flowers white; 9-11; shady, sheltered upper slopes, Paarl, Worcester to Ladismith, Caledon to Uitenhage.
teretifolia (Thunb.) Adamson - (= **A. asparagoides** Adamson); asparagus-like wiry-branched shrublet, to 250 mm, flowers white and green; 9-10; sandy lower slopes, Clanwilliam.

AIZOON 20 sp - Africa, Mediterranean, Australia

canariense L. - prostrate woody shrublet, 150-300 mm, flowers yellow-green; 7-9; dry areas, Clanwilliam, Uitenhage (widespread in Africa, Arabia).
glinoides L.f. - prostrate pubescent succulent shrublet, 150-600 mm, flowers cream or yellow; 10-1; dry areas, Swellendam to Port Elizabeth (Karoo, E Cape to Natal).
karooicum Compton - dwarf much-grazed woody shrublet, 50-200 mm, flowers yellow; 3-6; quartzite patches, Robertson to Oudtshoorn (Karoo).
paniculatum L. - sprawling perennial or shrublet, 150-500 mm, flowers magenta, 7-10; Gifberg to Ceres, Tulbagh to Peninsula (S Namaqualand).
rigidum L. f. - prostrate grey-leafed shrublet, 80-150 mm long, flowers yellow; 9-10; Caledon to Port Elizabeth (Karoo, E Cape).

sarmentosum L.f - lax spreading many-stemmed annual or perennial shrublet, 100-500 mm, flowers white; 6-10; flats and lower slopes, Piketberg to Peninsula, Caledon, Montagu, Swellendam (Namaqualand).

COELANTHUM 3 sp - S W Cape to Namibia

grandiflorum E. Meyer ex Fenzl - delicate tufted annual, 50-150 mm, flowers white; 8-9; sandy flats, Clanwilliam, Piketberg (Namaqualand to Namibia).
semiquinquefidum (Hook f.) Druce - delicate tufted annual, 50-250 mm, flowers white; 10-11; sandy flats, Clanwilliam to Peninsula, Worcester (Namaqualand).
verticillatum Adamson - tufted prostrate annual, 60-100 mm, flowers brown and white; 10-3; ; coastal sand, Piketberg, Hopefield (S Namaqualand).

GALENIA 27 sp - southern and S tropical Africa

affinis Sonder - grey or reddish sprawling shrublet, 150-300 mm, flowers pink or white; 9-10; dry rocky slopes, Montagu, Swellendam, Riversdale (N Cape, Namaqualand).
africana L. - (kraalbos, geelbos, muisbos); much-branched soft yellowish shrublet, 0,5-1 m, flowers whitish, inconspicuous; 10-1; often on disturbed ground, Nieuwoudtville to Uniondale (dry areas of southern Africa).
collina (Ecklon & Zeyher) Walp. - slender sprawling much-branched shrublet, flowers whitish; 9-4; rocky slopes, Nieuwoudtville, Witteberg, Caledon to George (Namaqualand, Karoo, Namibia).
crystallina (Ecklon & Zeyher) Fenzl - prostrate grey-leafed shrublet, 200-400 mm in diam., flowers yellow or pink; 7-12; sandy flats, Clanwilliam to Peninsula, Worcester, Montagu, Uitenhage (W Karoo, Namaqualand).
cymosa Adamson - spreading shrublet, 400-500 mm, flowers pink; 10-11; dry areas Little Karoo (Karoo, E Cape).
ecklonis Walp. - (rooilootjie); procumbent slender shrublet, 100-400 mm, flowers white or red; 9-10; sand, Piketberg to Stellenbosch, Worcester.
filiformis (Thunb.) N.E. Br. - prostrate shrublet, 200-800 mm in diam., flowers pink; 8-2; sand, esp. dry riverbeds, Nieuwoudtville, Worcester, Montagu, Peninsula to Uniondale (Karoo, E Cape).
fruticosa (L.f.) Sonder - much-branched occ. prostrate whitish shrublet, 150-500 mm, flowers pink; 8-12; karroid areas, Clanwilliam to Worcester, Piketberg, Montagu (Namaqualand, W Karoo, Namibia).
herniariaefolia (Presl) Fenzl - prostrate shrublet to 750 mm in diam., flowers white; 11-1; coastal sand or gravel, Peninsula to George.
hispidissima Fenzl - bristly-haired sprawling shrublet or perennial, 100-200 mm, flowers cream; 9-10; sandy lower slopes, Clanwilliam, Ceres, Piketberg.
papulosa (Ecklon & Zeyher) Sonder - sprawling silvery herbaceous perennial, 100-400 mm, flowers magenta; 8-10; dry areas and riverbeds, Ceres, Piketberg, Ladismith to Uniondale (Namaqualand, Karoo, N Cape, Namibia).
portulacacea Fenzl - grey sprawling shrublet, 150-300 mm, flowers magenta; 8-9; dry sandy areas, Nieuwoudtville to Worcester, Robertson to Mossel Bay (N Cape, Namaqualand).
procumbens L.f. - erect or spreading much-branched shrublet, 0,3-1 m, flowers white or pink; 10-1; dry rocky areas, Uitenhage (Karoo, Namaqualand).
pruinosa Sonder - grey or white shrublet to 500 mm, flowers mauve; 8-9; rocky flats, Clanwilliam, Piketberg (Namaqualand, Namibia).
pubescens (Ecklon & Zeyher) Druce - (bloubrakbossie); greyish prostrate shrublet, to 1 m, flowers pink; 10-4; rocky or disturbed flats, Clanwilliam, Ceres, Peninsula to Port Elizabeth (widespread in S Africa).

rigida Adamson - erect branched shrublet, to 500 mm, flowers white; 10-1; dolerite rocks, Clanwilliam (W Karoo).
sarcophylla Fenzl - (Joubertsbrakbossie, Vanwyksbrakbossie); shining greyish-green sprawling perennial or shrublet, 150-300 mm, flowers magenta or cream; 7-10; Clanwilliam, Montagu to Uniondale (dry parts of southern Africa).
secunda (L.f.) Sonder - (Vanwyksbossie); prostrate pubescent shrublet, 200-600 mm, flowers yellow; 6-12; varied habitats, Clanwilliam to Port Elizabeth (Namaqualand, Karoo, E Cape, Natal, introduced in Australia, N America).

HYPERTELIS 7 sp - widespread in Africa and St. Helena

arenicola Sonder - blue-green prostrate annual, 20-80 mm in diam., flowers whitish; 12-4; saline coastal soil, Peninsula, Bredasdorp, Uitenhage.
salsoloides (Burchell) Adamson - (braksuring, skaapsuring); low bluish much-grazed shrublet, to 300 mm, flowers white to pink; 7-3; dry saline areas, Clanwilliam, Worcester, Little Karoo to Uitenhage (southern and tropical Africa).
trachysperma Adamson - purplish prostrate annual, flowers pink; 1-4; mud flats, Peninsula.

LIMEUM 26 sp - S W Cape to tropical Africa, Arabia, India

aethiopicum Burm. - (aarbossie, koggelmandervoetkaroo); stunted woody shrublet with annual shoots, to 150 mm, flowers green and white; 2-3; dry slopes, Little Karoo, Uitenhage (E Cape, Namaqualand, Namibia).
africanum L. - prostrate annual or perennial, 200-350 mm, flowers green and white; 5-9; dry rocky slopes, Clanwilliam, Peninsula, Worcester (Calvinia to Namaqualand).
subnudum Friedrich - sprawling perennial, flowers green and white; ?; Clanwilliam.
telephioides E. Meyer ex Fenzl - erect or sprawling perennial, flowers green and white; ?; dry areas, Mossel Bay, Uniondale, Uitenhage (E Cape).

MOLLUGO 20 sp - cosmopolitan, widespread in southern Africa

cerviana (L.) Ser. ex DC. - delicate branched annual, 50-200 mm, flowers green; 1-3; Clanwilliam to Stellenbosch (widespread in southern Africa).
namaquensis Bolus - low tufted annual, 20-40 mm, flowers green; 9; Clanwilliam (Namaqualand).
pusilla (Schltr.) Adamson - low often red annual, to 100 mm, flowers inconspicuous; sandy flats, Clanwilliam, Peninsula (Namaqualand).
tenella Bolus - dwarf tufted annual, 20-400 mm, flowers green; 8; Lokenberg, Clanwilliam, Ceres, Piketberg, Swellendam (Namaqualand, Namibia).

PHARNACEUM 25 sp - southern Africa

albens L.f. - straggling woody shrublet, 200-500 mm, flowers white and green; 8-9; rocky slopes, Lokenberg, Clanwilliam (Namaqualand, W Karoo and N Cape).
aurantium (DC.) Druce - sprawling or erect shrublet, 100-800 mm, flowers white; stony gravel, Nieuwoudtville to Worcester, Robertson to Mossel Bay (dry parts of southern Africa).
ciliare Adamson - suberect shrublet, flowers not known; ?; upper mountain slopes, Robertson, Swellendam, Montagu, Ladismith.
confertum (DC.) Ecklon & Zeyher - rounded shrublet, 0,5-1,2 m, flowers white; 8-10; varied habitats, Clanwilliam to Malmesbury, Worcester (Namaqualand, Namibia).

cordifolium L. - prostrate perennial, 500 mm, flowers white; 5-2; sand dunes, Stellenbosch, Peninsula, Caledon.
croceum E. Meyer ex Fenzl - tufted annual or perennial, 50-100 mm, flowers pink or yellow; 8-9; Clanwilliam, Ceres, Peninsula (Namaqualand, W Karoo, N Cape, Namibia).
dichotomum L.f. - tufted perennial or shrublet, 100-300 mm, flowers white; 7-11; widespread, Clanwilliam to Uitenhage (Namaqualand, E Cape to Transvaal).
exiguum Adamson - delicate tufted annual, 30-300 mm, flowers green; 9; sandy flats, Clanwilliam to Peninsula (Namaqualand, Namibia).
fluviale Ecklon & Zeyher - tufted perennial with prostrate annual stems, 50-150 mm, flowers white; 8-11; often near streams, Tulbagh, Robertson, Caledon to Uitenhage (E Cape).
incanum L. - erect or spreading shrublet, 20-200 mm, flowers white; 8-10; Clanwilliam, Hopefield, Piketberg to Worcester (Namaqualand, E Cape).
lanatum Bartling - erect or sprawling shrublet, to 500 mm, flowers white; 8-10; sandy flats and slopes, Clanwilliam, Peninsula, Caledon (Karoo, Namaqualand).
lineare L.f. - prostrate perennial, 0,2-1 m in diam., flowers white; 6-11; sandy soils, Clanwilliam, Peninsula to Bredasdorp (Namaqualand).
microphyllum L.f. - (droedaskruie); woody shrublet to 500 mm, flowers white; 9-10; Clanwilliam, Ceres, Piketberg, Malmesbury (Namaqualand).
rubens Adamson - sprawling shrublet up to 400 mm, flowers red; ?; sheltered rock ledges, Cedarberg Mts.
serpyllifolium L.f. - soft prostrate perennial, 30-50 mm, flowers white; 9-12; rocks at high alt., Cedarberg to Ceres.
subtile E. Meyer ex Fenzl - annual to 80 mm, flowers whitish; ?; Bonnievale.
thunbergii Adamson - sprawling perennial, 300-600 mm, flowers green and white; 12-3; coastal bush, George to Port Elizabeth (E Cape to Natal).
trigonum Ecklon & Zeyher - much-branched low shrublet to 50 mm, flowers green and white; 5-8; Worcester, Swellendam to Uitenhage (E Cape, Transvaal).

POLPODA 2 sp - S W and W Cape

capensis Presl - woody lycopodium-like shrublet with silvery branches, 200-500 mm, flowers minute, white; 1-7; sand or gravel, Cedarberg to Worcester, Piketberg, Peninsula to Mossel Bay.
stipulacea (F.M. Leighton) Adamson - woody lycopodium-like shrublet with yellow-green branches, 150-300 mmm, flowers greenish, minute; 11-12; stony lower slopes, Clanwilliam to Worcester, Piketberg.

PSAMMOTROPHA 11 sp - widespread in southern Africa

anguina Compton - shrublet with slender stems covered with tiny leaves, 80-150 mm, flowers white; 9-10; Cedarberg, Ceres, Piketberg.
diffusa Adamson - sprawling slender shrublet with woody branches, 100-300 mm, flowers greenish; 11-12; high alt. shale band, Cedarberg.
frigida Schltr. - cushion-forming dwarf perennial, 30-100 mm in diam., flowers greenish; 9-12; rock crevices at high alt., Cedarberg to Worcester, Swartberg Mts. (W Karoo).
marginata (Thunb.) Druce - slender shrublet, 100-150 mm, flowers greenish; 11; sandy flats, Uitenhage (Somerset East).
quadrangularis (L.f.) Fenzl - much-branched shrublet with stems covered with small leaves, 100-600 mm, flowers white; 9-10; lower mountain slopes, Piketberg, Clanwilliam to Worcester, Ladismith (Namqualand, Karoo).
spicata Adamson - woody small-leafed shrublet, to 250 mm, flowers green and white; ?; sandy soil, Gifberg.

SUESSENGUTHIELLA 1 sp - S W Cape to Namibia

scleranthoides (Sonder) Friedrich - (= **Pharnaceum scleranthoides** Sonder); prostrate annual or biennial, to 250 mm, flowers green and white; 8; sandy flats, Clanwilliam (W Karoo, Namaqualand, Namibia).

TETRAGONIA 60 sp - Africa, S America, Australia

arbuscula Fenzl - (grootrooilootganna, klapperbrak); woody branched shrublet, 300-600 mm, fruits winged, flowers yellow; 4-9; karroid areas, Clanwilliam, Oudtshoorn, Mossel Bay (Karoo).

caesia Adamson - prostrate perennial, to 400 mm, flowers yellow?; ?; damp sandy flats, Cape Peninsula (poorly known).

calycina Fenzl - erect or spreading shrublet, 300-600 mm, fruit winged, flowers yellow; 9; Clanwilliam (Namaqualand, Namibia).

chenopodioides Ecklon & Zeyher - sprawling perennial, to 400 mm, fruit ridged, flowers yellow; 7-9; coastal sand, Clanwilliam, Hopefield, Malmesbury.

decumbens Miller - shining prostrate perennial, to 1 m, fruit winged, flowers yellowish; 8-3; sand dunes, Stellenbosch, Peninsula, Bredasdorp, Port Elizabeth (Namaqualand, E Cape, Namibia).

distorta Fenzl - compact much-branched shrublet, flowers yellow?; ?; Barrydale (Namaqualand).

echinata Aiton - prostrate annual with burr-like fruits, 60-300 mm, flowers greenish; 6-8; disturbed ground, Stellenbosch, Worcester, Ladismith, Caledon to Riversdale, Uitenhage (Karoo, E Cape).

erecta Adamson - many-stemmed low shrublet, 100-150 mm, flowers yellowish; ?; Swellendam, Riversdale.

fruticosa L. - (kinkelbossie); sprawling or erect slightly woody shrublet, 250 mm to over 1 m, fruit winged, flowers yellow; 9-1; widespread, Clanwilliam to Port Elizabeth (Namaqualand, E Cape, Karoo).

galenioides Fenzl - much-branched spreading perennial, 150-350 mm, flowers yellow; ?; Clanwilliam.

glauca Fenzl - erect or sprawling shrublet to 500 mm, fruit bell-shaped, flowers yellow; 7-9; karroid areas, Clanwilliam, Piketberg, Ladismith, Mossel Bay (Namaqualand, Namibia).

halimoides Fenzl - stout spreading tuberous perennial, flowers yellow; ?; sand or clay among shrubs, Nieuwoudtville, Piketberg, Paarl (S Namaqualand).

haworthii Fenzl - doubtfully separate from **T. saligna** Fenzl; Swellendam.

herbacea L. - tuberous-rooted prostrate perennial, to 500 mm, fruit pear-shaped, not winged, flowers yellow; 5-9; Clanwilliam to Worcester, Montagu, Peninsula to Bredasdorp (Namaqualand).

hirsuta L.f. - pubescent erect or spreading soft shrublet, to 500 mm, fruit winged, flowers yellow; 8-10; Nieuwoudtville to Worcester, Piketberg (Calvinia, S Namaqualand).

lasiantha Adamson - sprawling shrublet to 600 mm, flowers yellow?; ?; dry areas in shelter of shrubs, Robertson, Montagu.

macroptera Pax - erect or sprawling shrublet, flowers yellow?; ?; flats, Clanwilliam (Namaqualand, Namibia).

microptera Fenzl - prostrate annual, to 500 mm in diam., fruit small, flowers greenish; ?; in sand, Clanwilliam to Knysna (W Karoo, Namaqualand, E Cape, Namibia).

namaquensis Schltr. - erect shrublet, to 300 mm, fruit pubescent, winged, flowers yellow; 6-10; shale rocks, Clanwilliam, Piketberg (W Karoo, Namaqualand).

nigrescens Ecklon & Zeyher - tuberous-rooted prostrate perennial, to 500 mm, fruit winged, flowers yellow; 7-10; in sand, Nieuwoudtville to Malmesbury, Tulbagh, Worcester, Bredasdorp (W Karoo, Namaqualand).

portulacoides Fenzl - tuberous-rooted prostrate perennial, 100-300 mm, fruit winged, flowers yellow; 6-9; in sand, Hopefield, Peninsula, Worcester, Caledon, Riversdale, Humansdorp (Karoo).

robusta Fenzl - much-branched woody shrublet, 0,1-1 m, fruit winged, flowers yellow; 7-9; karroid areas, Gifberg, Ceres, Robertson to Ladismith, (Namaqualand, E Cape, Karoo).

rosea Schltr. - sprawling perennial, to 600 mm, fruit winged, flowers magenta; 5-9; stony sand, Nieuwoudtville, Clanwilliam, Piketberg (W Karoo, S Namaqualand).

saligna Fenzl - sprawling woody shrublet, 300-600 mm, flowers yellow; 9-11; rocky areas, Lokenberg, Clanwilliam to Oudtshoorn, Hopefield, Caledon to George (Namaqualand, Karoo).

sarcophylla Fenzl - much-branched shrublet, 150-400 mm, fruit small, globose, flowers yellow; 6-9; karroid areas, Gifberg to Worcester, Robertson to Uitenhage (Namaqualand, E Cape, Karoo).

sphaerocarpa Adamson - sprawling perennial, to 450 mm, flowers yellow; ?; sand among shrubs, Piketberg.

spicata L.f. - erect or sprawling woody shrublet, to 1 m, fruit winged, small, flowers yellow or cream; 7-10; varied habitats, Gifberg to Peninsula, Ladismith, Swellendam to Port Elizabeth (Namaqualand, E Cape, W Karoo).

verrucosa Fenzl - woody or herbaceous shrublet with glistening leaves, 150-300 mm, flowers yellow; 8-9; karroid shale, Worcester to Montagu, Swellendam (Karoo, Namaqualand, Namibia).

virgata Schltr. - sprawling somewhat woody shrublet, to 500 mm, flowers orange; 7; sandy flats, Lokenberg to Clanwilliam (Namaqualand).

AITONIACEAE

NYMANIA (see MELIACEAE)

AMARANTHACEAE

ACHYRANTHES ca 15 sp - tropical and subtropical

***aspera** L. - (rough chaff flower, langklits); erect perennial, 0,2-1 m, flowers purplish; 1-12; shady, moist areas, Uitenhage (widespread in southern Africa, palaeotropical weed).

***sicula** (L.) All. - sprawling perennial, 200-500 mm, flowers pinkish; 2-6; shady areas, Cape Peninsula (weed in southern Africa, introduced from Mediterranean).

ACHYROPSIS 6 sp - tropical and southern Africa

***leptostachya** Hook. f. - branched shrublet, 300-450 mm, flowers silvery-green; 11-4; riverbanks, Uitenhage (E Cape to tropical Africa).

AMARANTHUS ca 60 sp - cosmopolitan in warm regions
(several introduced species not included)

***deflexus** L. - perennial with annual stems, 100-900 mm, flowers greenish; 3-4; garden weed, Peninsula, Worcester (E Cape, Transvaal, Namibia, naturalised in S Europe).

***hybridus** L. - (Cape pigweed, Kaapse misbredie); erect annual, 0,15-2 m, flowers straw; 1-4; disturbed areas, Clanwilliam, Stellenbosch, Peninsula, Humansdorp to Port Elizabeth (widespread in Africa and America).
schinzianus Thell. - erect or prostrate annual, 30-500 mm, flowers whitish or green; 1-4; Ladismith, Oudtshoorn (Karoo, Namaqualand, Namibia).
thunbergii Moq. - (red pigweed, rooi misbredie); erect or sprawling annual, 300-600 mm, flowers straw; 11-4; shady or disturbed places, Clanwilliam to Peninsula, Uitenhage (widespread in southern Africa).

PUPALIA ca 6 sp - Africa, Asia

atropurpurea Moq. - (sweethearts, bosklits); sprawling annual or perennial, 0,6-1,5 m, flowers purplish; 11-5; coastal forest margins, George, Uitenhage (E Cape to Natal).

ANACARDIACEAE

HEERIA 1 sp - S W Cape

argentea (Thunb.) Meissner - (rockwood, kliphout); small tree, 3-5 m, flowers cream; 1-7; dry rocky slopes, Clanwilliam to Stellenbosch, Worcester, Caledon.

LAUROPHYLLUS 1 sp - S W and S Cape

capensis Thunb. - (iron martin, ystermartiens); shrub or tree, 3-6 m, flowers yellowish; 8-1; streambanks in coastal forests, Caledon to Uitenhage.

LOXOSTYLIS 1 sp - S Cape to S Natal

alata A. Sprengel ex. Reichb. - (tierhout); small tree with pink fruits, 3-6 m, flowers white; 9-3; forests, Uniondale to Uitenhage (E Cape to Natal).

RHUS ca 250 sp - subtropical and warm temperate

angustifolia L. - shrub or tree, 2-4 m, flowers yellowish; 10-12; riverbanks, Cedarberg, Piketberg to Peninsula, Paarl, Worcester, Montagu.
chirindensis Baker - (= **R. legati** Schonl.) (bostaaibos); shrub or tree, 3-10 m, flowers pale green; 11-1; forest margins or streambanks, Swellendam to Uitenhage.
crenata Thunb. - (dune crow-berry, duinekraaibessie); shrub or tree, 1-5 m, flowers cream; 4; coastal dunes, Peninsula to Port Elizabeth (E Cape to Natal).
cuneifolia Thunb. - shrub, to 600 mm, flowers whitish; 9-10; rocky slopes, Clanwilliam, Piketberg, Stellenbosch, Caledon, Montagu, Little Karoo.
dentata Thunb. - (nana-berry, nanabessie); shrub or tree, 2-6 m, flowers yellow; 9-11; woodland, Humansdorp (E Cape to Natal, Transvaal).
dissecta Thunb. - (rosyntjiebos, korentebossie); low straggling shrub, 0,9-1,8 m, flowers greenish; 5-7; rocky slopes, Gifberg to Peninsula, Worcester.
fastigiata Ecklon & Zeyher - (besemkraaibessie); much-branched shrub or tree, 1-3 m, flowers cream; 12-4; bush or forest, Humansdorp to Uitenhage (E Cape to Natal).
glauca Thunb. - (blue kuni-bush, bloukoenibos); shrub or small tree, 1-3 m, flowers greenish-white; 5-10; coastal dunes or bush, Piketberg, Peninsula to Port Elizabeth (E Cape).
incisa L.f. - (baardbessie); shrub or small tree, 1-4 m, fruits woolly, flowers greenish-yellow; 6-9; mountain slopes or near streams, Gifberg, Piketberg, Worcester, Riversdale to Port Elizabeth (E Cape, Namaqualand).

laevigata L. - (= **R. mucronata** Thunb., **R. incana** Miller) (dune taaibos, duinetaaibos); shrub or tree, 0,5-3 m, flowers greenish-yellow; 5-7; coastal flats and slopes, Saldanha, Peninsula to Port Elizabeth (E Cape).

lancea L.f. - (rivierkaree); small tree, to 5 m, flowers greenish-yellow; 5-7; riverbanks, Ceres, Oudtshoorn, Montagu (drier southern and tropical Africa).

longispina Ecklon & Zeyher - (thorny taaibos, doringtaaibos); spiny shrub or small tree, 2-5 m, flowers pale yellow; 1-3; dry coastal bush, Saldanha, Worcester, Montagu, Riversdale to Port Elizabeth (Karoo, E Cape).

lucida L. - (= **R. schlechteri** Diels) (blinktaaibos); sprawling shrub or tree, 1-5 m, flowers yellow; 5-9; coastal bush or inland slopes, Paarl, Peninsula to Port Elizabeth, Little Karoo (E Cape to Natal).

pallens Ecklon & Zeyher - (resembles **R. undulata** Jacq.); shrub, flowers yellow; 4-6; Montagu, Riversdale to Port Elizabeth.

pendulina Jacq. - (= **R. viminalis** auct. non Vahl nec Aiton) (white karee, witkaree); willow-like shrub or tree, to 10 m, flowers greenish-yellow; 9-1; streambanks, Olifants River introduced? (Namaqualand, N Cape).

pterota Presl - (thorny taaibos, doringtaaibos); spiny shrub or small tree, 1-3 m, flowers pale yellow; 1-3; dry coastal bush, Langebaan, Bredasdorp to Port Elizabeth (E Cape).

pyroides Burchell - (= **R. baurii** Schonl.) (skeweblaartaaibas); thorny shrub or scrambler, flowers white; 10-12; Riversdale (E Cape to tropical Africa).

refracta Ecklon & Zeyher - much-branched somewhat spiky shrub, 2-3 m, flowers white; 3; dry scrub, Uitenhage (E Cape to tropical Africa).

rehmanniana Engl. - (= **R. macowanii** Schonl.) (suurtaaibos); shrub or small tree, 2-5 m, flowers green to yellow; 12-3; forest margins, Oudtshoorn, Paarl to Port Elizabeth (E Cape to tropical Africa).

rimosa Ecklon & Zeyher - (= **R. rigida** auct. non Miller); erect rigid shrub, to 1,2 m, flowers yellowish; 9-12; rocky upper slopes, Gifberg, Cedarberg, Clanwilliam.

rosmarinifolia Vahl - somewhat straggling shrublet, 0,3-0,8 m, fruit woolly, flowers cream; 4-9; Clanwilliam to Port Elizabeth.

scytophylla Ecklon & Zeyher - (= **R. africana** auct. non Miller); shrub, 1-3 m, flowers crimson; 4-7; mountain slopes, Gifberg to Piketberg, Tulbagh to Stellenbosch, Caledon, Hex River Mts.

stenophylla Ecklon & Zeyher - straggling shrublet, 300-800 mm, fruit smooth or pubescent, flowers cream; 4-9; Peninsula to Stellenbosch.

tomentosa L. - (wild currant, korentebos); shrub or small tree with leaves white below, 2-5 m, fruits grey, pubescent, flowers cream; 6-11; Clanwilliam to Port Elizabeth (Namaqualand, E Cape to tropical Africa).

undulata Jacq. - (kuni-bush, koeniebos, karee); variable shrub or tree, 1-5 m, flowers yellow; 4-6; variable habitats, Clanwilliam to Peninsula, Worcester, Robertson (W Karoo, Namibia).

APIACEAE

ALEPIDEA ca 40 sp - tropical and southern Africa

capensis (Bergius) R.A. Dyer - (katazo, kalmoes); slender perennial with leaves mainly basal, 200-400 mm, flowers white; 11-5; damp flats or lower slopes, Oudtshoorn, Swellendam to Port Elizabeth (E Cape to Natal).

delicatula Weimarck - slender perennial with leaves mainly basal, 100-200 mm, flowers white; 1-2; high alt., Swartberg Mts. to Uniondale.

ANNESORHIZA ca 15 sp - widespread in southern Africa

altiscapa Schltr. - (anyswortel); perennial with leaves in a basal rosette, to 1 m, flowers yellow; 9; Gifberg (Namaqualand).
capensis Cham. & Schldl. - (soetanyswortel, vlakte-anyswortel); slender perennial with hysteranthous leaves, 150-900 mm, flowers yellowish; 1-4; lower slopes, Paarl, Peninsula, Caledon.
grandiflorum (Thunb.) Sonder - robust perennial, to 600 mm, flowers yellowish; 11; flats near water, Paarl, Worcester.
hirsuta Ecklon & Zeyher - perennial with large pubescent divided basal leaves, 300-600 mm, flowers yellow; 11-4; lower slopes, Paarl, Peninsula, Caledon.
macrocarpa Ecklon & Zeyher - (wilde-anyswortel); robust perennial, scapes to 600 mm, flowers cream; 12-2; flats and lower slopes, Peninsula, Caledon, Humansdorp to Uitenhage.

ARCTOPUS 3 sp - S W Cape to Namaqualand

dregei Sonder - acaulescent with broad prostrate spiny leaves, flowers yellowish; 8; sandy flats, Hopefield.
echinatus L. - (platdoring, pokkiesdoring); acaulescent perennial with large prostrate spiny leaves, flowers white or pink; 5-8; flats, plateaus and lower slopes, Nieuwoudtville to Uitenhage (S Namaqualand).
monacanthus Carmichael ex Sonder - (resembles A. **echinatus**); flowers yellow; 6-7; lower to middle elevations, Gifberg, Clanwilliam, Piketberg, Stellenbosch.

BERULA 2 sp - cosmopolitan

thunbergii (DC.) Wolff - (waterparsnip, toothache root, tandpynbossie); robust or slender annual, to 1 m, flowers whitish; 1-3; streamsides, Peninsula to Humansdorp (widespread, E Cape to Natal).

BUPLEURUM ca 100 sp - cosmopolitan

mundii Cham. & Schldl. - grass-like perennial, to 600 mm, flowers yellow; 8-2; Peninsula (native?), Humansdorp to Port Elizabeth (E Cape to Transvaal).

CAPNOPHYLLUM 4 sp - S W Cape, Canary Is., Mediterranean

africanum (L.) Koch - low spreading annual, flowers white; 9-12; sand dunes, Peninsula, Caledon.

CENTELLA ca 40 sp - southern Africa, 1 sp pantropical

affinis (Ecklon & Zeyher) Adamson - slender prostrate perennial, flowers greenish; 10-12; lower to middle alt., Worcester, Clanwilliam to Paarl, Peninsula to Port Elizabeth (E Cape, Karoo).
caespitosa Adamson - cushion-like perennial, flowers greenish; 1-5; middle to high alt., rock crevices, Paarl to Peninsula.
calliodus (Cham. & Schldl.) Drude - slender sprawling perennial, flowers cream; 8-1; damp lower to middle slopes, Ceres to Stellenbosch, Caledon to George.
capensis (L.) Domin - tufted white or rusty-haired perennial, to 100 mm, flowers whitish; 6-10; flats or lower slopes, Clanwilliam to Peninsula, Montagu, Knysna.
comptonii Adamson - much-branched prostrate perennial, flowers reddish; 10-11; stony lower slopes or dunes, Knysna, Port Elizabeth.

coriacea Nannfd. - (pennywort, varkoortjies, waternael); prostrate perennial, flowers reddish; 11-3; marshy or damp places, Stellenbosch, Peninsula to Port Elizabeth (E Cape to tropical Africa).

debilis (Ecklon & Zeyher) Drude - narrow-leafed sprawling perennial, flowers reddish; 8-1; middle alt. near streams, Mossel Bay to Uitenhage.

dentata Adamson - erect or sprawling perennial, flowers greenish; 11-1; upper slopes, Swellendam to George.

didymocarpa Adamson - prostrate perennial, flowers greenish; 1; mid to upper alt., Uniondale.

difformis (Ecklon & Zeyher) Adamson - stout erect or sprawling subshrub, 100-400 mm, flowers cream; 10-4; coastal flats or lower slopes, Paarl, Peninsula to Bredasdorp.

eriantha (Rich.) Drude - prostrate or sprawling perennial, to 300 mm, flowers greenish; 1-12; damp mid to upper slopes, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape to Natal).

flexuosa (Ecklon & Zeyher) Drude - woolly tufted or sprawling perennial, flowers greenish; 10-4; rock crevices at high alt., Paarl, Peninsula to Caledon.

fourcadei Adamson - sprawling perennial, flowers greenish; lower slopes and flats, Humansdorp.

fusca (Ecklon & Zeyher) Adamson - tufted or sprawling low perennial, flowers greenish; 7-12; mid to upper slopes, Gifberg to Worcester, Tulbagh, Piketberg.

glabrata L. - (persiegras, sweetkruie); sprawling perennial, to 600 mm, flowers yellowish; 8-1; mountains, Clanwilliam to Port Elizabeth (E Cape to tropical Africa).

graminifolia Adamson - slender, erect or straggling perennial, over 300 mm, flowers greenish-white; 5-8; marshy upper slopes and plateaus, Knysna to Port Elizabeth (E Cape to Natal).

hederifolia (Burchell) Drude - slender sprawling perennial, flowers greenish; 11-4; rock crevices at mid to upper alt., Cape Peninsula.

hermanniifolia (Ecklon & Zeyher) Domin - pubescent spreading perennial, flowers white or pink; 10-2; coastal sand, Humansdorp to Port Elizabeth (E Cape).

laevis Adamson - large-leafed straggling perennial, to 600 mm, flowers yellowish; 10-11; streambanks and marshes, Peninsula, Caledon to Swellendam (E Cape).

lanata Compton - prostrate or sprawling occ. densely pubescent perennial, to 400 mm, flowers greenish; 1-5; upper alt., Swellendam, Riversdale, Uniondale.

lasiophylla Adamson - densely pubescent sprawling perennial, to 2 m in diam., flowers greenish; 9-12; lower slopes, Cedarberg.

linifolia (L.f.) Drude - nearly woody shrublet to 500 mm, flowers cream; 9-12; upper slopes, Gifberg to Worcester, Witteberg, Ladismith to Mossel Bay (E Cape, Namaqualand).

macrocarpa (Rich.) Adamson - sprawling perennial from woody base, flowers greenish; 4-1; flats and lower slopes, Tulbagh, Worcester to Ladismith, Peninsula to Humansdorp.

montana (Cham. & Schldl.) Domin - tufted pubescent perennial, flowers greenish; 12-5; upper slopes, Swellendam, Uniondale, Humansdorp.

pottebergensis Adamson - suberect or sprawling perennial, flowers white; 11-1; rocky lower slopes, Bredasdorp, Uniondale.

recticarpa Adamson - tufted perennial with erect stems from prostrate woody base, 100-200 mm, flowers red or purplish; 12; rocks at high alt., Cedarberg.

restioides Adamson - soft shrublet, to 450 mm, flowers yellowish; 10-12; upper alt., Clanwilliam to Paarl, Worcester, Robertson.

rupestris (Ecklon & Zeyher) Adamson - erect woody shrublet, to 250 mm, flowers white; 8-2; lower slopes, Caledon.

scabra Adamson - sprawling perennial from tufted woody base, flowers whitish; 9-4; middle to upper slopes, Gifberg to Peninsula, Caledon.

sessilis Adamson - prostrate or tufted perennial, flowers white; 9-1; rocky upper slopes, Clanwilliam to Worcester, Swartberg, Caledon to Uniondale (E Cape).
stenophylla Adamson - spreading much-branched shrublet, stems to 400 mm, flowers greenish; 10-1; middle slopes, Bredasdorp, Swellendam.
stipitata Adamson - sprawling shrublet, flowers greenish; 10-11; lower slopes, Uniondale.
tridentata (L.f.) Drude - tufted pubescent perennial, 80-200 mm, flowers whitish; 8-12; damp flats and lower slopes, Malmesbury, Peninsula to Swellendam.
triloba (Thunb.) Drude - stout perennial with woody base, 100-500 mm, flowers greenish; 7-4; rocky coastal flats and slopes, Paarl, Peninsula to Bredasdorp.
villosa L. - sprawling perennial, flowers greenish; 10-1; montane, in rock crevices, Clanwilliam to Worcester, Tulbagh, Peninsula, Caledon.
virgata (L.f) Drude - soft erect or sprawling shrublet, to 500 mm, flowers greenish; 6-1; flats and lower slopes, Clanwilliam to Port Elizabeth (E Cape, Namaqualand).
sp - tufted or sprawling shrublet with densely silvery-woolly leaves, flowers greenish; 7-8; crevices in limestone rocks, Bredasdorp.

CHAMAREA 1 sp - widespread in southern Africa

capensis (Thunb.) Ecklon & Zeyher - (Cape caraway, finkelwortel); slender perennial with fleshy roots, leaves hysteranthous, flowers yellow; 12-4; Worcester to Peninsula, Ladismith, Knysna to Port Elizabeth (E Cape, Karoo, Namaqualand).

CONIUM 2-3 sp - southern and tropical Africa, Eurasia

sp. - robust perennial, to 2 m, flowers white; 9-11; mountain slopes, Witteberg, Stellenbosch to Bredasdorp (Namaqualand).

DEVERRA ca 10 sp - southern and tropical Africa, Asia

aphylla (Cham. & Schldl.) DC - (wildevinkel, wildeseldery); broom-like shrub, to over 1 m, flowers yellow; 3-10; karroid areas, Clanwilliam to Ladismith (E Cape, Karoo, Namaqualand, Namibia).

GLIA 1 sp - S W Cape

gummifera (L.) Sonder - (dronkwortel, moerwortel); robust mostly unbranched leafy perennial, to nearly 2 m, flowers yellow; 12-3; lower slopes, Tulbagh, Paarl, Peninsula to Caledon.

HERMAS 9 sp - S W Cape

capitata L.f. - tufted perennial, scapes to 60-300 mm, flowers white; 12-3; upper alt. slopes, Worcester to Oudtshoorn, Peninsula to Port Elizabeth.
ciliata L.f. - tufted perennial, scapes to 300-600 mm, flowers whitish; 1-3; mid to upper slopes, Paarl, Worcester, Caledon to Uitenhage.
gigantea L.f. - large tufted perennial with white to woolly leaves, scapes to 1 m, flowers purple; 1-3; mid to upper slopes, Clanwilliam to Paarl, Stellenbosch, Swellendam.
intermedia C. Norman - densely white-woolly perennial, flowers whitish?; 2-4; upper slopes, Cedarberg to Ceres, Piketberg.
minima Ecklon & Zeyher - low tufted perennial, scapes to 150 mm, flowers whitish?; 1-3; upper slopes, Caledon, Swartberg Mts. to Uniondale, Uitenhage.

pillansii C. Norman - tufted perennial with woolly leaves, scapes 300-700 mm, flowers crimson; 1-2; upper slopes, Paarl, Peninsula.
quercifolia Ecklon & Zeyher - tufted perennial with white-woolly leaves, scapes 200-450 mm, flowers white; 12-3; mid to upper slopes, Tulbagh to Caledon.
quinquedentata L.f. - tufted perennial, scapes 100-300 mm, flowers greenish; 1-4; rock crevices at middle alt., Caledon.
villosa (L.) Thunb. - (tontelblaar, tonteldoek); robust shrub, to 1 m, flowers cream; 12-5; mountain slopes, Peninsula to Caledon.

HETEROMORPHA 3 sp - widespread in southern Africa

trifoliata (Wendl.) Ecklon & Zeyher - (= **H. arborescens** (Sprengel) Cham. & Schldl.) (parsley tree, wildepieterseliebos); straggling shrub or small tree, to 3 m, flowers green to yellow; 11-1; Bredasdorp, Oudtshoorn, Knysna to Port Elizabeth (widespread in southern Africa).

HETEROPTILIS 1 sp - S W Cape and Natal

suffruticosa (Bergius) Lente (= **Cnidium suffruticosum** Cham. & Schldl.); erect or spreading perennial, 200-500 mm, flowers cream; 8-4; sand dunes, Saldanha Bay to Port Elizabeth (E Cape to Natal).

HYDROCOTYLE ca 200 sp - cosmopolitan, 2 in S Africa

verticillata Thunb. - (pennywort); creeping perennial, stems to 300 mm long, flowers greenish-white; 8-4; marshes and streams, Peninsula to Port Elizabeth (widespread tropical and subtropical).

LICHTENSTEINIA 7 sp - southern Africa, 1 in St. Helena

beiliana Ecklon & Zeyher - perennial, 200-400 mm, flowers white; 11-1; flats or lower slopes; Clanwilliam to Peninsula, Worcester, George to Uitenhage.
interrupta (Thunb.) E. Meyer - perennial, 300-450 mm, flowers white; 11-2; coastal grassveld, George to Port Elizabeth (E Cape to Natal).
lacera Cham. & Schldl. - (kalmus, kalmoes); perennial with large leaves, to 1 m, flowers green to yellow; 1-3; flats and lower slopes, Stellenbosch, Peninsula.
latifolia Ecklon & Zeyher - perennial with large leaves, to 450 mm, flowers white; 12-2; middle slopes, George to Uitenhage.
trifida Cham. & Schldl. - robust perennial, to 1 m, flowers yellow; 12-2; flats and lower slopes, Clanwilliam to Paarl, Knysna, Uniondale.

PEUCEDANUM ca 170 sp - tropical and southern Africa, Eurasia

capense (Thunb.) Sonder - (lidbossie); shrub to over 1 m, flowers yellow; 9-5; lower often coastal slopes, Swellendam to Port Elizabeth (Karoo, E Cape, Transvaal).
capillaceum Thunb. - perennial, to 600 mm, flowers yellow; 12-4; lower slopes, Caledon to Uniondale, Uitenhage.
cynorhiza Sonder - (hondewortel); perennial, to 450 mm, flowers white; 1-4; flats near rivers, Uitenhage.
ecklonianum Sonder - lax perennial, to 450 mm, flowers yellow; 3; lower slopes near streams, Uitenhage? (E Cape).
ferulaceum (Thunb.) Sonder - tufted perennial with erect stems to over 1 m, flowers pale yellow; 10-3; mountain slopes, Peninsula to Uitenhage (E Cape).
galbanum (L.) Benth. & Hook f. - (blister bush, bergseldery); robust shrub, 1-3 m, flowers yellow; 7-2; mid to upper slopes, Piketberg, Peninsula to Riversdale.

galbaniopse Wolff - robust perennial, to over 1 m, flowers yellowish; 12-2; damp lower slopes, Paarl to Peninsula.
hypoleucum Benth. & Hook. f. - (wildepieterselie); perennial, to 600 mm, flowers yellow; 10-12; lower to middle slopes, Swellendam to Uniondale.
millefolium (E. Meyer) Sonder - perennial with much divided leaves, to 1 m, flowers yellow; 11-1; flats and lower slopes, Caledon.
montanum (Sonder) Benth. & Hook. - (= **Bubon montanum** Sonder); slender shrub, to 2 m, flowers yellowish; 9-2; streamsides at mid to upper alt., Cedarberg, Tulbagh.
multiradiatum (E. Meyer) Drude - robust perennial, to nearly 2 m, flowers yellowish; 10-1; damp lower slopes, Stellenbosch, Caledon, Uniondale.
pungens E. Meyer - robust shrub with spine-tipped leaves, to over 1 m, flowers yellowish?; 8-11; lower slopes, Caledon.
sieberianum Sonder - perennial with robust annual stems, 400-800 mm, flowers pale yellow; 12-2; mountain slopes, Tulbagh, Paarl, Peninsula, Caledon.
striatum (Thunb.) Sonder - straggling woody shrublet, to 400 mm, flowers yellowish-green; 9-12; lower slopes, Caledon to Swellendam.
tenuifolium Thunb. - (incl. **P. uliginosum** (Ecklon & Zeyher) D. Dietr.) (wild parsley, wildepieterselie); flexuose perennial, to over 2 m, flowers greenish-yellow; 11-2; upper slopes, Peninsula to Humansdorp.
triternatum Ecklon & Zeyher - perennial with slender erect stems, to 1 m, flowers yellowish; 1; upper slopes, Caledon.
zeyheri Sonder - (hondewortel); soft-stemmed perennial, to 1 m, flowers yellowish, 10-1; sandy coastal flats, Uitenhage.

PIMPINELLA ca 200 sp - cosmopolitan, 3 in southern Africa

stadensis (Ecklon & Zeyher) Harvey - slender perennial or annual, 300-450 mm, flowers white, 1-3; lower to middle slopes, Uniondale to Uitenhage.

POLEMANNIA 3 sp - S W Cape to Natal

marlothii Schltr. ex Wolff - much-branched woody shrub, to 2,5 m, flowers yellow; 12-1; middle slopes, Clanwilliam (W Karoo).

RHYTICARPUS 3 sp - S W to E Cape

difformis (L.) Briq. - (wildeseldery, wildevinkel); rigid shrub, to 1 m, flowers yellowish; 2-4; lower slopes, Tulbagh, Worcester, Bredasdorp to Port Elizabeth (E Cape).
rugosus (Thunb.) Sonder - (wildepeperwortel); slender perennial, to 1 m, flowers yellowish; 11-1; Riversdale to Knysna.
swellendamensis (Ecklon & Zeyher) Briq. - (= **R. ecklonis** Sonder); rigid shrub, to over 1 m, flowers yellowish; 10-12; lower slopes and flats, Worcester to Swellendam.

SANICULA ca 50 sp - cosmopolitan, 2 in southern Africa

elata Buch.-Ham. ex D. Don - tufted perennial, scapes to 900 mm, flowers whitish; 10-1; streamsides in forest, Caledon to Uniondale.

SONDERINA 5 sp - southern Africa

caruifolia (Sonder) Wolff - annual, to 450 mm, flowers white; 11; flats, Paarl.

didyma (Sonder) Adamson - spreading annual, to 150 mm, flowers white; 9-11; mountain slopes, Gifberg to Peninsula, Caledon.
hispida (Thunb.) Wolff - erect or spreading annual, 100-300 mm, flowers white; 9-1; sandy lower slopes, Clanwilliam to Peninsula, Uitenhage.
tenuis (Sonder) Wolff - (tandpynwortel); low annual, to 80 mm, flowers white; 10-11; coastal hills, Knysna, Humansdorp.

THUNBERGIELLA 1 sp - S W Cape

filiformis (Lam.) Wolff - erect perennial with grass-like leaves, 100-400 mm, flowers white; 11-4; damp lower slopes, Clanwilliam to Peninsula, Caledon.

TORILIS ca 15 sp - Canary Is., Mediterranean, Asia, also Africa

arvensis (Hudson) Link - (= **T. africana** (Thunb.) Sprengel); delicate annual, 150-400 mm, flowers white; 8-11; flats or lower slopes, Clanwilliam to Worcester, Stellenbosch, Peninsula (Karoo, E Cape, tropical Africa, Europe).

APOCYNACEAE

ACOKANTHERA 15 sp - southern and tropical E Africa, Arabia

oppositifolia (Lam.) Codd - (poison bush, gifboom); small tree, 2-5 m, flowers white, tinged pink; 4-12; coastal bush, Mossel Bay to Port Elizabeth (widespread in southern and central Africa).

CARISSA ca 20 sp - palaeotropical and subtropical

bispinosa (L.) Desf. ex Brenan - (num-num, noemnoem); spiny shrub or semi-climber with red berries, 1-5 m, flowers white; 9-12; coastal scrub, Bredasdorp to Port Elizabeth (E Cape to tropical Africa, Namibia).
haematocarpa (Ecklon) A.DC. - (karoo num-num, karoonoemnoem); spiny shrub, 1-4 m, flowers white; 10-12; karroid scrub, Worcester, Montagu, Humansdorp, Port Elizabeth (E Cape, Namaqualand, Namibia).

GONIOMA 1 sp - southern Cape to Natal

kamassi E. Meyer - (kamassi wood, false Cape box, kamassiehout); small tree, 5-10 m, flowers white; 11-4; coastal forests, George to Port Elizabeth (E Cape to Natal).

PACHYPODIUM ca 13 sp - dry areas, S Africa, Madagascar

bispinosum (L.f.) A. DC. - (bobbejaankos, kambroo); spiny succulent shrublet with large tuberous underground stem, 120-450 mm, flowers pink; 8-12; dry rocky areas, Ladismith to Uitenhage (E Cape).
succulentum (L.f.) A. DC. - (bergkambroo, dikvoet); spiny succulent shrublet with large partly underground stem, 150-600 mm, flowers pink or white; 9-12; dry, rocky areas, Oudtshoorn to Port Elizabeth (E and N Cape, Karoo, OFS).

AQUIFOLIACEAE

ILEX ca 400 sp - cosmopolitan, 1 in southern Africa

mitis (L.) Radlk. - (Cape holly, waterboom, without); white-barked dioecious tree, 10-30 m, red berries, flowers white; 10-12; streambanks in forest, Paarl, Peninsula to Port Elizabeth (E Cape to tropical Africa).

ARALIACEAE

CUSSONIA ca 25 sp - tropical and southern Africa, Madagascar

gamtoosensis Strey - (gamtoos cabbage tree); many-stemmed tree, 4-6 m, flowers green; ?; dry slopes, Uitenhage.

paniculata Ecklon & Zeyher - (mountain cabbage tree, bergkiepersol); small tree with thick trunk and apically crowded grey leaves, 3-5 m, flowers green; 1-4; dry stony hills, Uniondale (E Cape to Transvaal).

spicata Thunb. - (cabbage tree, gewone kiepersol); tree with thick trunk and crowded leaves, 3-10 m, flowers greenish-yellow; 11-4; dry slopes, Oudtshoorn, Uniondale to Port Elizabeth (E Cape to tropical Africa).

thyrsiflora Thunb. - (kuskiepersol); scrambling shrub or tree, 2-5 m, flowers greenish-yellow; 11-2; coastal shrub, Peninsula to Port Elizabeth (E Cape).

SCHEFFLERA ca 180 sp - pantropical and subtropical

umbellifera (Sonder) Baillon - (bastard cabbage tree, basterkiepersol); tree, to 10 m, flowers yellowish; ?; forest margins, Humansdorp (E Cape to tropical Africa).

ASCLEPIADACEAE

ANISOTOMA 2 sp - E Cape to Natal

cordifolia Fenzl - prostrate perennial, flowers brown and yellow; 11-2; rocky grassland, Uitenhage (E Cape).

ARAUJIA 2 or 3 sp - S America

***sericifera** Brot. - (moth-catcher, motvanger); robust vine with grey leaves, flowers green; 11-2; sporadic weed (widespread weed, introduced from Peru).

ASCLEPIAS 150 sp - Africa, Arabia, America

cancellata Burm. f. - (wild cotton, gansies, katoenbos); rigid pubescent shrub, to 1 m, flowers cream, brown and maroon; 3-12; Clanwilliam to Port Elizabeth (E Cape, Karoo, Namaqualand).

crispa Bergius - (bitterwortel); perennial with crisped leaves, 200-300 mm, flowers yellow, maroon on the reverse; 11-5; flats and slopes, Gifberg to Peninsula, Swellendam to Port Elizabeth (E Cape to Transkei).

dregeana Schltr. - perennial, 100-300 mm, flowers greenish; 11-1; grassland, Riversdale to Port Elizabeth (E Cape to Transvaal).

expansa (E. Meyer) Schltr. - slender perennial, 200-600 mm, flowers green and purple; 11-12; grassland, Knysna to Uitenhage (E Cape to Transkei).

fruticosa L. - (shrubby milkweed, tontelbossie); soft shrub with ovoid inflated fruits, 1-3 m, flowers cream; 11-4; disturbed areas, Peninsula, George (widespread in Africa, almost cosmopolitan).
physocarpa (E. Meyer) Schltr. - (balbossie); like **A. fruticosa**, shrub with inflated round not ovoid fruits; Worcester to Uitenhage (E Cape to tropical Africa, Cape Verde Is.).

ASTEPHANUS 2 sp - S Cape to Namaqualand

marginatus Decne. - slender vine, flowers white; 4; coastal bush, Knysna to Port Elizabeth (E Cape).
triflorus (L.f.) Schultes - (bokhoring, melkblommetjie); slender vine, flowers cream or pink; 4-8; coastal or inland scrub, Clanwilliam to Peninsula, Bredasdorp, Worcester, Montagu (Namaqualand).

BRACHYSTELMA ca 60 sp - tropical and southern Africa

caudatum (Thunb.) N.E.Br. - (kameroep); perennial with large tuberous base, 50-100 mm, flowers green and purple; 9-10; sandy flats, Paarl, Malmesbury, Peninsula.
occidentale Schltr. - perennial with large tuber; Cape Peninsula (extinct?).
thunbergii N.E.Br. - (kameroep); perennial with large tuberous base, 50-100 mm, flowers greeny-brown; ?; flats and lower slopes, Malmesbury, Caledon to Riversdale (Natal).

CARALLUMA ca 100 sp - Africa, Mediterranean to Ceylon

arida (Masson) N.E.Br. - leafless succulent with stems with conical spreading teeth, 50-100 mm, flowers whitish with maroon dots; ?; Little Karoo.
aurea Luckh. - leafless succulent with robust toothed stems, to 500 mm, flowers yellow, purple-brown on reverse; ?; Clanwilliam.
chlorantha Schltr. - leafless succulent with short almost toothless stems, to 25 mm, flowers green; 3; George.
dependens N.E. Br. - leafless succulent with erect compactly branched toothed stems, 200-300 mm, flowers purple with yellowish-green bands; 8; Clanwilliam (S Namaqualand).
hottentotorum (N.E. Br) N.E. Br. - (qua-qua, ghoa-ghoa); leafless succulent with toothed stems, 50-100 mm, flowers white or yellow; 7-3; Clanwilliam (Namaqualand, Namibia).
incarnata (L.f.) N.E. Br. - (duikershoring, ghwaap, kopseer); leafless succulent with strongly toothed stems, 200-300 mm, flowers cream or pink, green on reverse; 5-10; Clanwilliam to Malmesbury (W Karoo to Namaqualand).
intermedia (N.E. Br.) Schltr. - leafless succulent with toothed stems, to 150 mm, flowers dull green with purple spots; ?; Clanwilliam.
inversa N.E. Br. - leafless succulent with erect toothed stems, flowers purple-brown with green tips; ?; Clanwilliam.
mammillaris (L.) N.E. Br. - (aroena, ghwaap); leafless succulent with sharply toothed stems, 100-450 mm, flowers brownish-red to black; 3-6; Clanwilliam, Worcester (Karoo, Namaqualand).
marlothii N.E. Br. - leafless succulent with toothed stems, 50-250 mm, flowers light green with brownish-purple flecks; 9-3; Worcester, Montagu (Karoo).
pillansii N.E. Br. - (ouram); leafless succulent with robust sharply toothed stem, 150-300 mm, flowers with purple-brown spots; 2; Little Karoo.

ramosa (Masson) N.E. Br. - (oukoei); leafless succulent with much-branched scarcely toothed stems, to 300 mm, flowers purple to black; ?; Ladismith (Karoo).

CEROPEGIA ca 160 sp - Africa, Asia, Madagascar, Canary Is.

africana R. Br. - tuberous fleshy-leafed vine, flowers pale green with purple markings; 7-3; karroid bush, Little Karoo (E Cape to Natal).
ampliata E. Meyer - (bushmans pipe, boesmanspy); nearly leafless vine, flowers white with green veins and purple lobes; 12-4; karroid bush, Oudtshoorn, Humansdorp (Natal, Transvaal, Madagascar).
barbata R.A. Dyer - slender vine, to 450 mm, flowers green; 12-1; Oudtshoorn.
carnosa E. Meyer - fleshy-leafed vine, flowers red-brown; 12-5; dry riverine scrub, Uitenhage (E Cape to Zululand).
connivens R.A. Dyer - nearly leafless vine, flowers green and maroon; 11-3; karroid broken veld, Worcester.
crassifolia Schltr. - vine with long fleshy leaves, flowers pale green with purple lobes; 9-3; karroid scrub, Uitenhage, Port Elizabeth (E Cape to Zululand).
geniculata R.A. Dyer - slender nearly leafless vine, flowers greenish with purple tufts; 1-3; karroid veld, Ladismith.
occulta R.A. Dyer - perennial with prostrate or straggling stems, to 300 mm, flowers dull pink and grey; 1-12; dry rocky slopes, Bredasdorp, Worcester, Little Karoo.
stapeliiformis Haw. - (slangkambroo); trailing perennial with fleshy segmented stems, flowers whitish with maroon tips; 11-3; karroid riverine scrub, Little Karoo, Humansdorp to Port Elizabeth (E Cape, Karoo).
zeyheri Schltr. - leafless vine, flowers greenish; 12-4; rocky outcrops, Oudtshoorn, Ladismith, Uitenhage, Port Elizabeth.

CYNANCHUM ca 100 sp - cosmopolitan

africanum R. Br. - (bobbejaantou, bokhoring, klimop); succulent perennial climber, 300-600 mm, flowers brown and white; 6-11; sandy soils, Clanwilliam to Humansdorp (W Karoo, S Namaqualand).
ellipticum (Harvey) R.A. Dyer - (monkey rope, bobbejaantou); somewhat woody climber, flowers white and green; 1-12; coastal bush, George to Port Elizabeth (E Cape to Transvaal).
natalitium Schltr. - (klimop); perennial climber, flowers green and white; 9-1; coastal bush, Knysna to Port Elizabeth (E Cape to Natal).
obtusifolium L.f. - (monkey rope, melktou); tall climber, flowers green and white; 1-12; coastal bush, Peninsula to Port Elizabeth (E Cape to Natal).
tetrapterum (Turcz.) R.A. Dyer ex Bullock - (= C. **sarcostemmatoides** K. Schum.) (melktou); succulent leafless vine, flowers green and white; 6-12; Uitenhage, Port Elizabeth (E Cape to tropical Africa).
zeyheri Schltr. - straggling perennial, 100-300 mm, flowers green and white; 5-11; western slopes, Bredasdorp, Peninsula.

DUVALIA ca 20 sp - Africa, Arabia

caespitosa (Masson) Haw. - mat-forming succulent, flowers dark chocolate with yellowish centre; 3-10; Clanwilliam to Worcester, Montagu to Oudtshoorn (Namaqualand, Karoo, E Cape).
elegans (Masson) Haw. - mat-forming succulent, flowers purplish; 1-10; Worcester, Robertson, Montagu, Riversdale (Namaqualand, Karoo).

maculata N.E. Br. - mat-forming succulent, flowers red to purple with yellow centre, occ. spotted; 4,12; Bredasdorp, Riversdale, Port Elizabeth (Karoo, Namibia).

modesta N.E. Br. - (toontjies); mat-forming succulent, flowers chocolate brown with reddish centre; 3-4; Oudtshoorn, Uitenhage (E Cape, Karoo).

parviflora N.E. Br. - mat-forming succulent, flowers cream with purple tips; 2,8; Ladismith (Karoo).

pillansii N.E. Br. - mat-forming succulent, flowers pale purple with white centre; 4-6; Ladismith, Uitenhage (Karoo).

radiata (Sims) Haw. - (toontjies); mat-forming succulent, flowers purplish with red or yellow centre; 1-5; Clanwilliam, Worcester to Oudtshoorn (Karoo, OFS).

reclinata (Masson) Haw. - (toontjies, kabietjie); mat-forming succulent, flowers dark purple with variably coloured centre; 12-4; Worcester, Oudtshoorn, Uitenhage (Karoo, E Cape).

FOCKEA ca 11 sp - tropical and southern Africa

comaru (E. Meyer) N.E. Br. - (kamaroo, kombroo); twining stem from large tuberous rootstock, to 300 mm, flowers green and white; 3-5; rock scree, Caledon, Montagu (Karoo, Namaqualand).

crispa (Jacq.) K. Schum - (= **F. capensis** Endl.) (bergbaroe, ghwarriekoe); twining stem from large tuberous rootstock, to 600 mm, flowers green and white; 2-5; rocky lower slopes, Little Karoo (Karoo).

edulis (Thunb.) K. Schum - (= **F. glabra** Decne) (bergkambroo, koo); twining stem from large tuberous rootstock, to 600 mm, flowers olive green; 11-3; dry bush, Mossel Bay, Little Karoo, Uitenhage, Port Elizabeth (Karoo, E Cape).

HOODIA ca 10 sp - S W Cape to Namibia, N W Transvaal

bainsii R.A. Dyer - (bitterghaap); spiny succulent leafless shrublet, 150-200 mm, flowers pink or buff; 9-4; dry stony areas, Clanwilliam (N Cape, Karoo, Namibia).

burkei N.E. Br. - (wolweghaap); spiny succulent leafless shrublet, 200-400 mm, flowers pinkish; 9-1; arid areas, Clanwilliam (Karoo, Namaqualand).

HUERNIA ca 50 sp - tropical and southern Africa, Arabia

barbata (Masson) Haw. - leafless succulent with toothed stems, 30-60 mm, flowers cream with purple spots; 2-4; karroid areas, Ladismith, Uitenhage, Port Elizabeth (Karoo, N Cape).

brevirostris N.E. Br. - succulent with shortly toothed stems, 30-50 mm, flowers yellowish with red spots; 12-3; karroid areas, Humansdorp to Uitenhage (Karoo).

campanulata (Masson) R. Br. - leafless succulent with toothed stems, 30-100 mm, flowers yellow with purple spots; 12-4; karroid areas, Ladismith to Uniondale (Karoo).

clavigera (Jacq.) Haw. - succulent with toothed stems, 40-100 mm, flowers dull yellow with many maroon dots; 1-8; Ceres, Ladismith, Montagu to Mossel Bay (Karoo, Namaqualand).

guttata (Masson) N.E. Br. - succulent with toothed stems, 50-80 mm, flowers greenish with purple dots; 12-4; Clanwilliam, Oudtshoorn, Ladismith, Port Elizabeth (Namaqualand, Namibia)

longii Pill. - succulent with toothed stems, 30-50 mm, flowers creamy-yellow with crimson dots; 4; Oudtshoorn, Uitenhage.

pillansii N.E. Br. - succulent with stems covered in soft bristles, 30-100 mm, flowers yellow with crimson dots; 12-5; Montagu to Oudtshoorn (Karoo).
praestans N.E. Br. - succulent with toothed stems, to 80 mm, flowers cream with purple spots; 1-3; Ladismith, Oudtshoorn, Riversdale, Port Elizabeth.
reticulata (Masson) Haw. - succulent with toothed stems, 40-100 mm, flowers pale yellow with dark red marks; 2-5; Clanwilliam (W Karoo to Namaqualand).
witzenbergensis Luckh. - succulent with toothed stems, 50-70 mm, flowers bright yellow with dull black lobes; ?; Tulbagh.

LUCKHOFFIA 1 sp - Clanwilliam district

beukmanii (Luckh.) White & Sloane - succulent toothed stems, 600-750 mm, flowers brownish; 10-3; Clanwilliam.

MICROLOMA ca 12 sp - southern Cape to Namibia

gibbosum N.E. Br. - vine, flowers red; ?; mountain slopes, Swartberg Mts. to Uniondale (Namaqualand).
sagittatum (L.) R. Br. - (bokhoring, heuningblommetjie); slender vine, flowers pink; 6-10; Clanwilliam to Peninsula, Worcester, Riversdale (Namaqualand).
tenuifolium (L.) K. Schum. - (wax vine, kannetjies, skilpadbos); slender vine with waxy leaves, flowers bright red; 6-11; Gifberg to Paarl, Peninsula to Port Elizabeth (E Cape).

ONCINEMA 1 sp - S W and S Cape

lineare (L.f.) Bullock - slender vine, flowers greenish; 11-1; riverbanks, often in forests, Worcester, Paarl, Caledon to Uitenhage.

ORBEA ca 20 sp - tropical and southern Africa

ciliata (Thunb.) Leach - (= **Diplocyatha ciliata** N.E. Br.); succulent with toothed stems, 30-60 mm, flowers greenish; 10-4; dry stony areas, Worcester (Karoo).
pulchella (Masson) Leach - (= **Stapelia pulchella** Masson); succulent with toothed stems, 50-100 mm, flowers sulphur-yellow with purple-brown spots; 9; sand or sand dunes, Uitenhage, Port Elizabeth (E Cape).
variegata (L.) Haw. - (= **Stapelia variegata** L.) (carrion flower, aasblom); somewhat sprawling succulent with toothed stems, 60-150 mm, flowers yellow with maroon spots; 12-9; coastal, often granite outcrops, Clanwilliam to Humansdorp.

PACHYCARPUS 30 sp - tropical and southern Africa

dealbatus E. Meyer - stout erect perennial, 300-450 mm, flowers green with purplish spots; 12-1; lower grassy slopes, Swellendam to Port Elizabeth (E Cape to Natal).
grandiflorus (L.f.) E. Meyer - perennial, 150-500 mm, flowers yellow and green with brown markings; 1-4; grassland, Humansdorp to Port Elizabeth (to Transvaal).

PECTINARIA 5 sp - S Cape, Karoo, Namaqualand

articulata (Aiton) Haw. - (incl. **P. asperiflora** N.E. Br.) (ghaap); succulent with leafless stems, 20-70 mm, flowers pale yellow and purple; 11-4; karroid areas, Ladismith, Montagu (Karoo to Namaqualand).

maughanii (R.A. Dyer) Bruyns - succulent with small-toothed stems, 40-70 mm, flowers yellow and black; 11-7; Clanwilliam, Nieuwoudtville (W Karoo).

PIARANTHUS ca 20 sp - S W Cape, Karoo to Namibia

comptus N.E. Br. - leafless succulent, 20-50 mm, flowers whitish with purple-brown spots; 11-8; Ladismith (Karoo to Namaqualand).
decorus (Masson) N.E. Br. - leafless succulent, 20-40 mm, flowers yellowish with purple-brown spots; 2; Little Karoo.
disparilis N.E. Br. - (boesmantoontjies); creeping succulent with toothed stems, flowers white with golden-brown spots; 11-3; Little Karoo (Karoo).
foetidus N.E. Br. - (aasblom); sprawling succulent with toothed stems, 50-100 mm, flowers greenish with brown stripes; 12-3; Little Karoo (Karoo).
parvulus N.E. Br. - (boesmantoontjies); creeping succulent with toothed stem, flowers yellowish; 2-9; Little Karoo (Karoo, Namaqualand).
pillansii N.E. Br. - (boesmantoontjies); succulent with toothed stems, to 400 mm, flowers greenish, occ. spotted with maroon; 5-11; Oudtshoorn.
punctatus (Masson) R. Br. - succulent with toothed stems, 20-100 mm, flowers white with maroon markings; 1-9; Clanwilliam (W Karoo to Namaqualand).

RIOCREUXIA ca 10 sp - Africa and India

torulosa Decne. - (kandelaarblom); slender climber, flowers greenish-white; 12-3; shady areas, George to Uitenhage (E Cape to E Transvaal).

SARCOSTEMMA ca 10 sp - palaeotropical and subtropical

viminale (L.) R. Br. - (spantou, melktou); leafless succulent scrambler, flowers greenish; 1-12; coastal bush, Mossel Bay to Port Elizabeth (E Cape to tropical Africa).

SCHIZOGLOSSUM ca 100 sp - tropical and southern Africa

aschersonianum Schltr. - perennial, 150-250 mm, flowers green; 12-4; flats and slopes, Paarl to Peninsula, Humansdorp (E Cape).
bolusii Schtr. - perennial, 500-600 mm, flowers greenish; 11-12; Ceres, Peninsula, Caledon.
burchellii N.E. Br. - perennial, 250-400 mm, flowers greenish; Riversdale (poorly known).
cordifolium E. Meyer - perennial, 150-450 mm, flowers greenish-brown; 11-1, 5; Tulbagh, Paarl, Knysna to Port Elizabeth (E Cape to Zululand).
dregei N.E. Br. - perennial, 1 m; Paarl (poorly known).
filiforme (L.) Druce - (= S. linifolium Schltr.); perennial, 150-350 mm, flowers green; 11-1; Riversdale to Uitenhage (Karoo, E Cape).
heterophyllum (E. Meyer) Schltr. - perennial, 100-150 mm, flowers green and purple-brown; 9-3; Peninsula to Riversdale, George, Uitenhage (E Cape, Transkei).
monticola Schltr. - perennial, 450-600 mm, flowers greenish; 6; Ceres, Paarl.

SECAMONE ca 100 sp - palaeotropical, 5 in southern Africa

alpini Schultes - (monkey rope, melktou); tall scrambling woody vine, flowers yellowish; 10-1; bush and forests, Gifberg to Port Elizabeth (E Cape to tropical Africa).

frutescens Decne. - slender woody scrambler, flowers greenish; 11-1; forests, Uitenhage (E Cape to Transvaal).

STAPELIA ca 100 sp - tropical and southern Africa

arenosa Luckh. - leafless succulent, 50-200 mm, flowers blackish-purple; 1-6; Clanwilliam (W Karoo).
asterias Masson - (aasblom); leafless succulent, 100-150 mm, flowers large, red-purple, glossy; 10-7; Little Karoo (Karoo).
cedrimontana Frandsen - leafless succulent, 100-250 mm, flowers dark purple with yellowish lines; 1-4; Cedarberg, Piketberg.
concinna Masson - leafless succulent, 30-150 mm, flowers dull purple with cream lines; 12-4; Worcester (Karoo).
deflexa Jacq. - leafless succulent, 100-150 mm, flowers purplish-brown with pale yellow stripes; Clanwilliam (Namaqualand).
desmetiana N.E. Br. - leafless succulent, 150-300 mm, flowers large, purplish, pubescent; 2-5; Oudtshoorn (Karoo, E Cape).
divaricata Masson - leafless succulent, straggling, 50-100 mm, flowers purple or pink; 9; Swellendam.
erectiflora N.E. Br. - leafless succulent, 100-200 mm, long-stalked, flowers purplish with translucent white hairs; 3-9; Clanwilliam (W Karoo, Namaqualand).
flavirostris N.E. Br. - (bobbejaankambroo, makghaap); leafless succulent with velvety stems, 100-200 mm, flowers large, dark purple, pubescent; 12-4; Cedarberg, Ladismith, Oudtshoorn (Karoo, Namaqualand, E Cape, OFS).
glanduliflora Masson - leafless succulent, 80-150 mm, flowers pale yellow with translucent hairs; 3-6; Clanwilliam.
grandiflora Masson - leafless succulent, slightly velvety, 150-300 mm, flowers large, deep maroon, pubescent; 3-5; Uitenhage (E Cape).
hirsuta L. - (haasoor); leafless succulent, 150-300 mm, flowers large, purplish, pubescent; 3-10; Clanwilliam, Worcester, Caledon, Little Karoo (Karoo, Namaqualand, Namibia).
immelmaniae Pill. - leafless succulent, 120-150 mm, flowers olive green with purple hairs; 2, 6, 9; Piketberg.
nouhuysii E. Phillips - leafless succulent, 80 mm, flowers yellowish, centre purple with translucent hairs; 3-5; Clanwilliam.
nudiflora Pill. - leafless succulent, 100-250 mm, flowers purple; 1-4; Worcester, Montagu, Mossel Bay.
pillansii N.E. Br. - leafless succulent, velvety, 100-150 mm, flowers maroon, petals elongate; 12-4; Montagu (W Karoo).
rufa Masson - leafless succulent, velvety, 100-250 mm, flowers dark red with yellowish lines; 11-5; Ladismith, Montagu (Karoo).
stultitioides Luckh. - leafless succulent, stout, 100-150 mm, flowers purple-black with white centre; 2-4; Cedarberg.

STAPELIOPSIS ca 6 sp - S W Cape to Namibia

breviloba (R.A. Dyer) Bruyns - (= **Pectinaria breviloba** R.A. Dyer); leafless succulent, to 50 mm, flowers purple-red; 4-5; karroid areas in shade, Worcester, Robertson.
exasperata (Bruyns) Bruyns - (= **P. exasperata** Bruyns); leafless succulent with creeping underground tuber, to 30 mm, flowers partly buried, pink and red; 1; Montagu (W Karoo).

saxatilis (N.E. Br.) Bruyns - (= **P. saxatilis** N.E. Br., **P. tulipifloras** Luckh.); prostrate succulent, 30-200 mm, flowers red to brown; 1-11; karroid areas, Clanwilliam, Little Karoo, Bredasdorp, Uitenhage (W Karoo, S Namaqualand).

TRICHOCAULON 12 sp - S W Cape to Namibia, Madagascar

piliferum (L.) N.E. Br. - (ghaap); cactus-like succulent with spiny stems, 50-200 mm, flowers dark maroon; 6-9; Little Karoo, George (Karoo, Namibia).

TRIDENTEA 17 sp - southern Africa

baylissii (Leach) Leach - succulent with pendulous stems, 150-250(-900) mm, flowers purplish-red; 12-3; sheer rock ledges, Humansdorp.
choanantha (Lavranos & H. Hall) Leach - succulent with angled, often pendulous stems, 100-300 mm (-2 m), flowers purple; 9-12; steep cliffs, Oudtshoorn, Ladismith.
gemmiflora (Masson) Haw. - (swartaasblom); succulent with long-toothed stems, 70-90 mm, flowers purple-black; 3-4; Little Karoo, Uitenhage (widespread in Africa).
paripuncta (N.E. Br.) Leach - (bontghapie); succulent with toothed stems, 50-120 mm, flowers yellow with purple-brown spots; 10-4; Cedarberg (W Karoo, S Namaqualand, N Cape).
pedunculata (Masson) Leach - (kopseer); stem succulent, 50-120 mm, flowers with yellowish lobes, centre white with purple hairs; 7-11; Nieuwoudtville (W Karoo, Namaqualand).

TROMOTRICHE 3 sp - Clanwilliam to Karoo

revoluta (Masson) Haw. - (= **Stapelia revoluta** Masson); sparingly branched succulent with acutely 4-angled toothed stems, to 450 mm, flowers purple with revolute lobes; 11; Clanwilliam (S Namaqualand).

TYLOPHORA ca 50 sp - palaeotropical and southern Africa

cordata (Thunb.) Druce - herbaceous vine, flowers yellowish; 10-12; forests, George to Port Elizabeth (E Cape, Transkei).
lycioides Decne. - sparse woody vine, flowers greenish; 11-3; coastal bush, Uitenhage (E Cape to Natal).

WOODIA 3 sp - S Cape to Transvaal

mucronata (Thunb.) N.E. Br. - erect perennial with tuberous rootstock, 250-400 mm, flowers cream; 1; grassland, Humansdorp to Uitenhage (E Cape to Zululand).

ASTERACEAE

ALCIOPE 3 sp - S W Cape

lanata DC. - branched shrublet, 300-600 mm, flowers golden-orange; 11-2; shady ravines, Ceres, Tulbagh.
tabularis (Thunb.) DC. - shrublet, 300-600 mm, flowers yellow; 4-7; mountain slopes, Worcester, Ladismith, Peninsula.
sp - shrub, 300-900 mm, flowers yellow; 9-11; coastal slopes, Caledon.

AMELLUS 12 sp - S W Cape, Karoo, Namibia

alternifolius Roth - annual or perennial, 300-800 mm, flowers mauve-blue; 9-11; sandy flats, Clanwilliam (Namaqualand).
asteroides (L.) Druce - shrublet, 200-400 mm, flowers blue-mauve; 10-12; coastal dunes, Clanwilliam to Peninsula.
capensis (Walp.) Hutch. - shrublet, 200-350 mm, flowers yellow, discoid; 11-1; coastal dunes, Peninsula to Cape Agulhas.
strigosus (Thunb.) Less. - (bloublommetjie); annual or biennial, 50-400 mm, flowers blue-mauve; 8-12; Caledon to Port Elizabeth (E Cape).
tenuifolius Burm. - much-branched perennial or shrublet, 200-400 mm, flowers mauve-blue; 10-12; sand, Clanwilliam to Worcester, Paarl, Peninsula to Caledon (Namaqualand).
tridactylus DC. - annual, 100-250 mm, flowers mauve-blue; 7-9; dry riverbeds, Clanwilliam to Ceres (S Namaqualand, Karoo).

AMPHIGLOSSA ca 4 sp - S W Cape, Karoo to Namibia

callunoides DC. - trailing much-branched shrublet, flowers small, white; 1; stony riverbanks, Uitenhage.
tomentosa (Thunb.) Harvey - much-branched twiggy shrublet, to 150 mm, flowers mauve or white; 11-12; Little Karoo (Karoo, Namaqualand, Namibia).

ANAXETON 9 sp - S W Cape

angustifolium Lundgren - shrublet, 300-600 mm, flowers white and brown; 9; rocky mountain slopes, Ceres.
arborescens (L.) Less. - shrublet, 300-400 mm, flowers white and brown; 5-12; rocky slopes, Cape Peninsula.
asperum (Thunb.) DC. - shrublet, 100-300 mm, flowers white and brown; 1-12; sandy, stony slopes, Stellenbosch, Peninsula, Bredasdorp.
brevipes Lundgren - perennial, to 150 mm, flowers white and brown; 8-10; rocky upper mountain slopes, Caledon.
ellipticum Lundgren - shrublet, 100-200 mm, flowers white and brown; 6-12; upper mountain slopes, Paarl to Caledon.
hirsutum (Thunb.) Less. - shrublet, to 300 mm, flowers white and brown; mainly 10-11; mountain slopes, Caledon.
laeve (Harvey) Lundgren - shrublet, 250-450 mm, flowers white and brown; 1-12; lower mountain slopes, Peninsula to Caledon.
nycthemerum Less. - shrublet, to 300 mm, flowers white and brown; 10-12; south-facing cliffs at high alt., Peninsula to Caledon.
virgatum DC. - shrublet, to 200 mm, flowers white and brown; 7-10; mountain slopes at middle alt., Caledon, Bredasdorp.

ANISOTHRIX 1 sp - S W Cape

kuntze O. Hoffm. - shrub or shrublet, leaves divided, flower colour not known; ?; Montagu (poorly known).

ARCTOTHECA ca 6 sp - southern Africa, 2 introduced in Australia

calendula (L.) Levyns - (Cape weed); sprawling perennial or annual, flowers yellow, centre occ. dark; 7-12; coastal areas or disturbed soil, Clanwilliam to Worcester, Paarl, Peninsula to Port Elizabeth (E Cape to Natal).

forbesiana (DC.) Lewin - acaulescent perennial, flowers yellow; 9-10; damp flats, Stellenbosch, Peninsula, Caledon.
populifolia (Bergius) Norlindh - (= **A. nivea** (L.f.) Lewin) (sea pumpkin); sprawling perennial, leaves white-woolly, flowers yellow; 1-12; coastal dunes, Peninsula to Port Elizabeth (E Cape to Mozambique, introduced in Australia).
prostrata (Salisb.) Britten - (gousblom); prostrate perennial rooting at nodes, leaves silvery below, flowers yellow; 9-1; shady lower slopes, Caledon to Witteberg.

ARCTOTIS ca 50 sp - southern Africa to Angola
(including **Venidium**)

acaulis L. - (marigold, botterblom); nearly stemless perennial, flowers yellow or orange; 7-9; sandy flats and lower slopes, Nieuwoudtville, Clanwilliam to Peninsula, Caledon to Swellendam (S Namaqualand, Calvinia).
adpressa DC. - acaulescent perennial, flowers yellow or orange; 9-12; upper mountain slopes, Cedarberg, Ceres, Witteberg.
aenea Jacq. f. - perennial to 200 mm, flowers orange or yellow; 9; sandy flats, Piketberg.
angustifolia L. - perennial, 200-400 mm, flowers yellow or white with reddish reverse; 8-4; flats and lower slopes, Clanwilliam, Ceres, Peninsula to Caledon.
arctotoides (L.f.) O. Hoffm. - (= **Venidium arctotoides** (L.f.) Less.); mat-forming perennial, flowers yellow; 8-4; coastal areas, Plettenberg Bay to Port Elizabeth (E Cape to Natal).
argentea Thunb. - spreading perennial, 150-600 mm, flowers yellow; 4-7; lower slopes and flats, Humansdorp.
aspera L. - perennial, 150-300 mm, flowers yellow or white; 5-1; flats and lower slopes, Clanwilliam to Peninsula (Namaqualand).
auriculata Jacq. - trailing perennial, stems 300-400 mm long, flowers yellow or orange; 8-10; gravel hillsides, Clanwilliam (Namaqualand).
bellidifolia Bergius - perennial to 600 mm, flowers yellow; 12; sandy flats, Tulbagh, Malmesbury.
breviscapa Thunb. - (gousblom); annual, 100-200 mm, flowers orange-yellow with red reverse; 8-12; sandy hills or flats, Clanwilliam, Malmesbury, Peninsula.
candida Thunb. - (botterblom); perennial, 200-300 mm, rays white with black base and purple reverse; 8-10; flats and lower slopes, Malmesbury.
dregei Turcz. - annual?, 100 mm, flowers purple; 9; Caledon.
fosteri N.E. Br. - perennial, 600-900 mm, flowers salmon-pink with dark centre; 10; Nieuwoudtville, Clanwilliam.
glandulosa Thunb. - perennial, 600-900 mm, flowers rose-purple; 8-12; lower to middle slopes, Clanwilliam, Piketberg.
gumbletonii Hook. f. - tufted, silvery-leafed perennial, to 250 mm, handsome orange-red flowers; 8-9; stony flats, Clanwilliam (Namaqualand).
hirsuta (Harvey) Beauv. - (gousblom); annual, 150-450 mm, flowers yellow or cream; 8-10; sandy soil, Malmesbury, Peninsula.
laevis Thunb. - coarse perennial, 200-900 mm, flowers yellow; 8-10; stony slopes or rock crevices, Clanwilliam.
lanceolata Harvey - slender perennial, 300-450 mm; ?; locality unknown (poorly known).
oocephala DC. - nearly stemless perennial, flowers white or yellow with maroon reverse; 9; Cedarberg, Ceres.
petiolata Thunb. - spreading perennial, flowers white or orange with maroon reverse; 8-9; clay slopes, Malmesbury.
pinnatifida Thunb. - narrow-leafed perennial, flowers yellow with brown reverse; 6-10; Ladismith, Oudtshoorn.

revoluta Jacq. - silver-leafed perennial, flowers yellow or orange; 8-9; Clanwilliam.
semipapposa (DC.) Beauv. - (= **Venidium semipapposum** DC.) (gousblom); soft sprawling shrublet, to 600 mm, leaves silvery below, flowers yellow with maroon reverse; 10-4; Ceres, Paarl, Caledon.
squarrosa Jacq. - robust annual or perennial, to 1 m, flowers yellow or orange; 8-9; flats or lower slopes, Clanwilliam (W Karoo).
stoechadifolia Bergius - (witgousblom); sprawling perennial with erect shoots, to 350 mm, flowers cream with reddish reverse; 9-12; sandy flats, Malmesbury to Peninsula, Swellendam (introduced in Australia).
undulata Jacq. - acaulescent perennial, scapes 100-300 mm, flowers yellow, orange or white; 4-5; rocky lower slopes, Clanwilliam, Ceres (Karoo, Namaqualand).
venidioides DC. - erect perennial; Clanwilliam (poorly known).
verbascifolia Harvey - stemless perennial, scape to 200 mm, flowers white with purple reverse; 10; deep sand on upper mountain slopes, Ceres, Tulbagh.
virgata Jacq. - more or less woody perennial, 150-300 mm, flowers pink; 4, 8-9; dry, rocky lower slopes, Riversdale.

ARTEMISIA ca 300 sp - mainly N Hemisphere, 3 in southern Africa

afra Jacq. ex Willd. - (wormwood, wilde-alsies); silvery perennial or shrublet, 300-600 mm, flowers yellowish; 4-5; streamsides, Clanwilliam, Stellenbosch, Caledon, George to Port Elizabeth (E Cape to tropical Africa).

ASAEMIA 1 sp - Cape to Namibia

minuta (L.f.) Bremer - (= **A. axillaris** (Thunb.) Harvey ex B.D. Jackson, **A. inermis** E. Phillips) (vuursiektebossie); sometimes spiny shrublet, to 300 mm, flowers yellow; 8-12; Ceres, Worcester, Touws River (Namaqualand, W Karoo, Namibia).

ASTER ca 500 sp - America, Eurasia, Africa

bakerianus Burtt Davy ex C.A. Smith - perennial, 150-700 mm, flowers blue; 1-12; rocky grassland, George, Knysna, Uitenhage (E Cape to Natal).
bowiei Harvey - perennial to 250 mm, flowers white; 4; grassland, Swellendam.
laevigatus (Sonder) Kuntze - (known from the type only), perennial to 350 mm; 10; Uitenhage.

ATHANASIA ca 36 sp - S W Cape to tropical Africa, Madagascar

capitata (L.) L. - shrublet to 400 mm, flowers yellow; 11-2; roadsides, Paarl, Peninsula.
crithmifolia (L.) L. - (Klaaslouwbossie); shrub to over 1 m, flowers yellow; 11-4; flats and lower slopes, Tulbagh to Peninsula, Caledon.
dentata (L.) L. - shrub to 900 mm, flowers yellow; 8-4; coastal bush, Peninsula to Port Elizabeth.
dimorpha DC. - shrublet to 300 mm, flowers yellow; 10-1; limestone hills, Caledon to Knysna, Uitenhage.
dregeana (DC.) Harvey - shrub to over 1 m, flowers yellow; 3-5; forest margins, Uniondale, Uitenhage (E Cape to Natal).
eriopoda DC. - (known from the type only), shrublet, to 200 mm, flowers yellow; ?; Clanwilliam.

filiformis L.f. - (Klaaslouwbossie); shrublet, 200-400 mm; flowers yellow; 12; riverbanks, Bredasdorp, Swellendam, Uniondale.
flexuosa Thunb. - shrub to 2 m, flowers yellow; 8-3; near water in arid areas, Clanwilliam, Ceres (Karoo, Namaqualand).
glabrescens DC. - (identity uncertain), shrublet, flowers yellow; 9; rocky slopes, Clanwilliam.
hameri E. Phillips - shrub to over 1 m, flowers yellow; 10-11; lower slopes near water, Paarl.
hirsuta Thunb. - shrublet to 400 mm, flowers yellow; 6-12; rocky lower slopes, Ceres, Worcester, Montagu.
imbricata Harvey - glabrous shrub with erect imbricate leaves, flowers yellow; 9-10; locality not known.
incisa (DC.) Harvey - shrub, 300-900 mm, flowers yellow; 7-11; upper mountain slopes, Ceres, Worcester, Witteberg, Montagu, Swellendam.
indivisa Harvey - shrublet to 300 mm, flowers yellow; 10-11; upper mountain slopes, Uitenhage (E Cape).
juncea (DC.) D. Dietr. - (Klaaslouwbossie); shrublet, 250-400 mm, flowers yellow; 7-12; rocky lower slopes, Worcester, Stellenbosch, Caledon to Swellendam (Namaqualand).
microphylla DC. - shrublet, 300-600 mm, flowers yellow; 4; upper slopes, Cedarberg.
mundtii Harvey - shrublet to 400 mm, flowers yellow; 6-7; coastal bush, Swellendam.
obtusa Compton - shrublet to 300 mm, flowers yellow; 12-1; rocky upper mountain slopes, Worcester.
oligocephala (DC.) Herr. - shrub, 300 mm to over 1 m, flowers yellow; 9-1; rocky lower mountain slopes, Gifberg, Clanwilliam, Tulbagh.
pachycephala DC. - shrublet, 300-500 mm, flowers yellow; 9-1; mountains, middle to upper alt., Cedarberg, Ceres, Witteberg, Swartberg.
palmatifida DC. - woolly shrublet, ?; rock crevices at high alt., Caledon (poorly known).
parviflora L. - shrub, 1-3 m, flowers yellow; 11-12; varied habitats, Clanwilliam to Peninsula, Worcester, Montagu (Namaqualand).
pectinata L.f. - shrublet, 200-400 mm, flowers yellow; 12; Caledon.
pinnata L.f. - shrub to over 1 m, flowers yellow; 10-12; rocky lower slopes, Uniondale (E Cape).
pubescens (L.) L. - shrublet, 200-400 mm, flowers yellow; 9-11; rocky sandstone slopes, Clanwilliam, Piketberg.
quinquedentata Thunb. - Swellendam (poorly known).
rugulosa E. Meyer - shrublet, 200-600 mm, flowers yellow; 11; sandy flats, Malmesbury.
scabra Thunb. - much-branched shrublet, to 300 mm, flowers yellow; 12; upper mountain slopes, Ceres.
schizolepis Harvey - shrub to over 1 m, flowers yellow; 8-10; ravines, high alt., Cedarberg, Matroosberg.
sertulifera DC. - shrub with woolly leaves, flowers yellow; ?; Montagu (poorly known).
speciosa Hutch. - silvery-woolly shrub, to 1 m, flowers yellow; 9-11; upper mountain slopes, Ceres, Worcester, Piketberg.
tomentella Hutch. - shrub to 900 mm, flowers yellow; 11-12; dry streambeds, Clanwilliam (Namaqualand).
tomentosa Thunb. - velvety shrub, to 900 mm, flowers yellow; 11-1; mountain slopes, Swartberg, Uniondale.
trifurcata (L.) L. - (kouterbossie); variable shrub, 600 mm to over 1 m, flowers yellow; varied habitats, throughout the S W and S Cape.

vestita (Thunb.) Druce - (= **fasciculata** Harvey); shrublet, 200-400 mm, flowers yellow; 8-1; grassy slopes, Ceres?, Worcester, Swellendam.

ATHRIXIA ca 45 sp - Africa, Madagascar, Australia

capensis Ker Gawler - (boesmanstee); shrublet, 100-350 mm, flowers pink or purple; 11-12; lower to middle slopes, Worcester, Paarl, Peninsula to Humansdorp.
crinita (L.) Druce - (resembles **A. capensis**); but lower leaves broader, flowers pink or magenta; 12-1; upper mountain slopes, Cedarberg, Tulbagh, Worcester.
heterophylla (Thunb.) Less. - (boesmanstee); shrublet, 100-450 mm, flowers pink or magenta; 8-12; Worcester, Paarl, Peninsula to Port Elizabeth (Karoo, E Cape).

ATRICHANTHA 2 sp - S W Cape

elsiae Hilliard - much-branched shrublet, to 300 mm, flowers white; 1-3; rock crevices at high alt., Paarl, Worcester.
gemmifera (Bolus) Hilliard & B.L. Burtt - (= **Helichrysum gemmiferum** Bolus); densely leafy silvery shrublet, 100-600 mm, flowers white with maroon centre; 10-1; rock crevices at high alt., Cedarberg to Stellenbosch, Caledon.

BERKHEYA ca 150 sp - tropical and southern Africa, Arabia

angusta Schltr. - shrub to over 1 m, flowers yellow; ?; Bredasdorp.
angustifolia (Houtt.) Merrill - shrublet, 300-600 mm, flowers yellow; 6-9; rocky ravines, Ladismith, Mossel Bay to Port Elizabeth (E Cape).
armata (Vahl) Druce - (vlaktedisseldoring); perennial with very spiny leaves, 100-400 mm, flowers yellow; 9-11; sandy flats or lower slopes, Tulbagh to Peninsula, Mossel Bay, Worcester.
barbata (L.f.) Hutch. - shrublet, 250-600 mm, flowers yellow; 8-1; coastal bush or rocky slopes, Gifberg to Peninsula, Worcester to Mossel Bay.
carduoides (Less.) Hutch. - perennial, 300-800 mm, flowers yellow; 11-1; damp lower slopes, Swellendam to Port Elizabeth (E Cape).
carlinifolia (DC.) Roessler - perennial to 2 m, flowers yellow; 11-12; dry lower slopes, Worcester, Piketberg to Peninsula, Uniondale (Karoo, Namaqualand).
carlinoides (Vahl) Willd. - (bergdisseldoring); perennial, 200-450 mm, flowers yellow; 10-1; lower slopes, Tulbagh, Swellendam, George.
coriacea Harvey - (disseldoring); shrublet, 300-600 mm, flowers yellow; 9; limestone outcrops, Bredasdorp to Mossel Bay.
cruciata (Houtt.) Willd. - (disseldoring); shrub to over 1 m, flowers yellow; 11-2; upper slopes, Swartberg Mts., Ladismith to Uniondale.
cuneata (Thunb.) Willd. - (bietou); shrublet to 300 mm, flowers yellow; 3-10; rocky riversides, Ladismith, Swellendam to George (Karoo).
decurrens (Thunb.) Willd. - (grootdisseldoring); perennial, 300-600 mm, flowers yellow; 1-9; grassland, Humansdorp to Port Elizabeth (E Cape).
dregei Harvey - shrublet to 200 mm, flowers yellow; 12-1; rocky middle slopes, Clanwilliam.
eriobasis (DC.) Roessler - perennial to 400 mm, flowers yellow; 11; dry rocky areas, Clanwilliam, Ceres (W Karoo).
francisci Bolus - perennial to over 1 m, flowers yellow; 12-1; upper slopes, Swartberg Mts.
fruticosa (L.) Ehrh. - (vaaldisseldoring); grey-leafed shrub, to over 1 m, flowers yellow; 7-10; stony flats and plateaus, Nieuwoudtville to Clanwilliam (Namaqualand, W Karoo).

glabrata (Thunb.) Fourc. - erect perennial, to 500 mm, flowers yellow; 11; middle slopes, Nieuwoudtville, George to Humansdorp (W Karoo, E Cape to tropical Africa).
herbacea (L.f.) Druce - (kaaldisseldoring); perennial, 200-700 mm, flowers yellow; 10-3; lower to middle slopes, Worcester, Paarl to Bredasdorp, George.
heterophylla (Thunb.) O. Hoffm. - (graweelwortel); perennial, 200-950 mm, flowers yellow; 9-1; near watercourses, Worcester, Swellendam to Port Elizabeth (E Cape).
onobromoides (DC.) Hoffm. & Muschler - (ruikdissel); perennial to 1 m, flowers yellowish; 10-11; dry watercourses, Nieuwoudtville to Worcester, Mossel Bay, Uniondale (Karoo, Namaqualand).
pinnatifida (Thunb.) Thell. - perennial or shrublet, to 500 mm, flowers yellow; 12; Nieuwoudtville (drier areas of South Africa).
rigida (Thunb.) Adamson & T.M. Salter - perennial or shrublet, 200-900 mm, flowers yellow; 9-1; roadsides or watercourses, Worcester, Stellenbosch, Peninsula to Riversdale.
spinosa (L.f.) Druce - shrub to 1 m, flowers yellow; 4, 9-11; dry rocky areas, Ceres, Little Karoo (Karoo).
tysonii Hutch. - shrub or shrublet, flowers yellow; 1; rock crevices at high alt., Clanwilliam, Worcester.
viscosa (DC.) Hutch. - perennial to 2 m, flowers yellow; 9; middle alt., Clanwilliam, Piketberg.

BRACHYLAENA ca 20 sp - Africa, Madagascar, Mascarene Is.

elliptica (Thunb.) Less. - (suurbos, botterblaar); dioecious shrub or tree, to 3 m, flowers cream; 4-8; coastal bush, Uitenhage (E Cape to Natal).
glabra (L.f.) Druce - (malblaar); dioecious tree, 15-25 m, flowers cream; 10; coastal forest, Caledon to Port Elizabeth (E Cape to Natal).
ilicifolia (Lam.) E. Phillips & Schweick. - (fynbitterblaar); dioecious shrub or tree, to 4 m, flowers creamy-yellow; scrub forest, Uitenhage (E Cape to S Mozambique).
neriifolia (L.) R. Br. - (waterwitels); dioecious shrub or tree, 2-3 m, flowers whitish; streamsides, Clanwilliam to Peninsula, Caledon to Knysna.

BRYOMORPHE 1 sp - S W Cape

lycopodioides (Schultz Bip.) Levyns - dwarf cushion-like perennial with minute grey leaves, 30-50 mm, flowers white or pink; 10-2; rock crevices at mid to upper alt., Clanwilliam to Worcester, Caledon.

CADISCUS 1 sp - S W Cape

aquaticus E. Meyer - aquatic floating perennial, 300-600 mm, flowers white and yellow; 8-9; seasonal pools, Piketberg to Tygerberg.

CASTALIS 3 sp - S W Cape, Namaqualand, Transvaal

nudicaulis (L.) Norlindh - (ox-eye daisy, wildemargriet); perennial, 100-400 mm, flowers white with purple or copper reverse; 8-9; mountain slopes, Clanwilliam to Uniondale.
tragus (Aiton) Norlindh - (ox-eye daisy, jakkalsbossie); perennial, 200-300 mm, flowers orange or yellow; 8-9; quartzite slopes, Ceres (W Karoo, Namaqualand).

CHRYSANTHEMOIDES 2 sp - southern Africa, 1 sp to tropical Africa

incana (Burm. f.) Norlindh - (bietou); prostrate or straggling, greyish spiny shrublet, flowers yellow; 1-12; coastal dunes or sandy inland slopes, Clanwilliam, Ceres, Peninsula to Bredasdorp (Namaqualand, Karoo, Namibia).
monilifera (L.) Norlindh - (brother berry, bietou); dark green shrub, to over 2 m, flowers yellow; 1-12; widespread in S W Cape (southern and tropical Africa, introduced in Sicily, Australia and California).

CHRYSOCOMA ca 50 sp - Africa, S America

acicularis E. Bayer - shrublet to 300 mm, flowers yellow; 11; rocky upper slopes, Witteberg Mts.
candelabrum E. Bayer - shrublet to 400 mm, flowers yellow; 12-2; upper slopes, Cedarberg.
cernua L. - shrublet to 350 mm, flowers yellow; 7-9; flats, Clanwilliam, Ceres (Namaqualand).
coma-aurea L. - shrublet to 500 mm, flowers yellow; 10-1; flats and lower slopes, Paarl, Peninsula to Caledon.
esterhuyseniae E. Bayer - shrublet to 400 mm, flowers yellow; 8-9; sandy flats, Malmesbury.
flava E. Bayer - shrublet, 250-400 mm, flowers yellow; ?; lower mountain slopes, Riversdale (poorly known).
longifolia DC. - shrub to 1 m, flowers yellow; 11-12; lower slopes, Clanwilliam, Worcester, Piketberg (Namaqualand).
rigidula (DC.) E. Bayer - grey-leafed, much-branched shrublet, to 350 mm, flowers blue; 6-11; sandy flats or lower slopes, Port Elizabeth (E Cape).
strigosa E. Bayer - low shrublet, to 150 mm, flowers yellow; coastal flats, Bredasdorp to Riversdale.
tenuifolia Bergius - (beesbossie, karoobossie, bitterbos); variable shrublet, 100-600 mm, flowers yellow; 6-12; throughout S W and S Cape (southern Africa).
tridentata DC. - shrublet to 350 mm, flowers yellow; 8; flats and lower slopes, Worcester, Ladismith, Swartberg Mts., Riversdale (Karoo).
valida E. Bayer - shrublet, 200-350 mm, flowers yellow; 3-9; mid to upper mountain slopes, Lokenburg to Ceres, Witteberg, Ladismith, Swartberg Mts.

CINERARIA ca 50 sp - Africa, Madagascar

alchemilloides DC. - straggling perennial, to 400 mm, flowers yellow; 8-9; ravines, Tulbagh, Montagu (widespread in southern Africa).
canescens Wendl. ex Link - grey perennial, to 300 mm, flowers yellow; 8-12; rocky middle slopes, Clanwilliam (Namaqualand, Namibia).
erodioides DC. - (identity uncertain) perennial with cobwebby hairs, flowers yellow; 9; Uitenhage (Transvaal, tropical Africa).
erosa (Thunb.) Harvey - shrublet or perennial, 350-500 mm, flowers yellow; lower slopes, Ceres, Worcester, Montagu, Paarl (Karoo).
geifolia (L.) L. - perennial to 600 mm, flowers yellow; 8-11; usually in coastal bush, Stellenbosch, Peninsula to Humansdorp (Natal).
lobata L'Her. - perennial, 300-600 mm, flowers yellow; 1-12; dry rocky slopes, Oudtshoorn, Uniondale, Port Elizabeth (E Cape, Karoo).
mitellifolia L'Her. - slender perennial, to 150 mm, flowers yellow; steep south-facing slopes, Peninsula to Caledon.

mollis E. Meyer ex DC. - tufted perennial, 100-250 mm, flowers yellow; south-facing slopes at high alt., Witteberg, Swellendam? (E Cape to Natal).
pedunculosa DC. - (identity uncertain) low perennial to 200 mm, flowers yellow; 10; mountain slopes esp. after fire, Cedarberg, Worcester.
platycarpa DC. - dwarf annual, to 300 mm, flowers yellow; ?; middle slopes, Ladismith, Uniondale (E Cape).
tomentosa Less. - stout perennial, 300-750 mm, leaves white-woolly, flowers yellow; 9-11; shady ravines, Ceres, Worcester, Tulbagh.

CONYZA 60-300 sp - cosmopolitan in warm areas

pinnata (L.f.) Kuntze - perennial, 300-500 mm, flowers white; 10-1; damp areas, Peninsula, George to Uitenhage (throughout southern Africa).
pinnatifida (Thunb.) Less. - perennial, 300-450 mm, flowers yellow; 1-5; coastal swamps, Peninsula, Caledon.
scabrida DC. - (= C. **ivifolia** (L.) Less.) (ovenbush, bakbesembossie, oondbos); shrub, to over 1 m, flowers pale yellow; 12-4; damp lower slopes or forest margins, Clanwilliam to Port Elizabeth (E Cape to tropical Africa, Namibia).

CORYMBIUM 7 sp - S W to E Cape

africana L. - (heuningbossie, plampers); variable tufted perennial with very narrow leaves, to 300 mm, flowers purple, pink or white; 10-1; flats and slopes, Cedarberg, Ceres to Peninsula to Swellendam, Longkloof, Swartberg Mts.
congestum E. Meyer ex DC. - tufted perennial with broad shortly pubescent leaves, to 300 mm, flowers mauve; 11-3; middle slopes, Cedarberg to Hottentots Holland Mts.
cymosum E. Meyer ex DC. - tufted perennial, to 400 mm, flowers white in dense heads; 10-12; mountain slopes, Wellington to Riversdale.
enerve Markotter - tufted perennial with broadish leaves, to 400 mm, flowers white; 10-1; damp flats and lower slopes, Peninsula to Caledon.
glabrum L. - (= C. **latifolium** Harvey, C. **rogersii** Markotter); variable tufted perennial, to 400 mm, flowers magenta; 11-1; lower slopes, Cedarberg to Peninsula to Uitenhage (E Cape).
laxum Compton - tufted perennial with narrow rigid leaves, to 350 mm, flowers rose-pink in loose panicles; 1-2; upper slopes, Cedarberg to Villiersdorp.
villosum L.f. - (heuningbossie); tufted perennial with pubescent leaves, flowers white or mauve; 9-11; lower slopes, Cedarberg to Hottentots Holland Mts., Bredasdorp to Swellendam.

COTULA ca 100 sp - nearly cosmopolitan
(including Cenia)

barbata DC. - tufted annual, 80-150 mm, flowers white or yellow; 7-10; rocky slopes, Clanwilliam (Namaqualand).
bipinnata Thunb. - annual, 50-300 mm, flowers yellowish; 8-10; near pools, Paarl, Worcester (Namaqualand).
ceniifolia DC. - annual, occ. stoloniferous, to 100 mm, flowers white; 8-11; dampish areas, Caledon to Swellendam.
coronopifolia L. - (gansgras, eendjieskweek); erect or creeping annual, 100-400 mm, flowers bright yellow; 5-2; wet areas, widespread in S W Cape (throughout southern Africa, Australia).
duckittiae L. Bolus - annual, 150-400 mm, flowers large, bright orange with short rays; 9; sandy coastal areas, Darling.

eckloniana (DC.) Levyns - small spreading annual, to 100 mm, flowers yellow; 8-10; sandy coastal flats, Cape Peninsula.
filifolia Thunb. - slender annual, 60-200 mm, flowers yellow or white; 8-11; swampy areas, Darling, Peninsula, Bredasdorp.
heterocarpa DC. - pubescent annual, to 100 mm, flowers white or yellow; 10-11; karroid areas, Riversdale, Uniondale (E Cape, Karoo).
lineariloba (DC.) Hilliard - (= C. **sericea** Thunb.); velvety-leafed tufted perennial, to 300 mm, flowers yellow; 11-1; upper slopes, Ceres, Witteberg (E Cape to Natal).
macroglossa Bolus ex Schltr. - tufted annual, to 100 mm, flowers white with brown reverse; 9-10; Ceres.
melaleuca Bolus - dwarf annual, 40-100 mm, flowers whitish; 8-10; high alt. under rocks, Clanwilliam.
microglossa O. Hoffm. & Kuntze - diffuse spreading annual, 100-200 mm, flowers yellow or orange; 7-1; rocky flats or slopes, Clanwilliam (Karoo, Namaqualand).
montana Compton - tufted perennial, 30-120 mm, flowers white; 11-1; high alt. under rocks, Clanwilliam to Ceres.
myriophylloides Harvey - (watergras); small aquatic perennial, flowers yellow; 9-12; coastal pools, Cape Peninsula.
nudicaulis Thunb. - tufted annual, 50-100 mm, flowers white or yellow; 7-9; Clanwilliam (W Karoo).
paradoxa Schinz - tufted perennial, to 100 mm, flowers yellow; 7-11; damp areas, Somerset West.
pedicellata Compton - tufted annual, 100-300 mm, flowers yellow; 7-9; sandy flats, Clanwilliam (S Namaqualand).
pedunculata (Schltr.) E. Phillips - annual, flowers yellow?; 8; damp areas, Clanwilliam.
pusilla Thunb. - dwarf annual, 40-120 mm, flowers whitish; 7-10; around pools, Malmesbury, Bellville.
sericea L.f. - (= Cenia **sericea** Thunb.); tufted perennial, 200-400 mm, flowers yellow; 1-12; rocky coastal grassland, Mossel Bay to Port Elizabeth (E Cape).
turbinata L. - (batchelor buttons, ganskos); annual, 50-400 mm, flowers yellow or white; 6-12; sandy or disturbed areas, Clanwilliam to Peninsula, Caledon to Bredasdorp (southern Africa, introduced in Australia).
vulgaris Levyns - erect or creeping annual, to 150 mm, flowers yellow; 1-12; damp areas, Cape Peninsula.
zeyheri Fenzl - (identity uncertain), slender, pubescent annual; ?; damp areas, Swellendam, Uitenhage.

CULLUMIA 14 sp - S W and E Cape, Namaqualand

aculeata (Houtt.) Roessler - spiny-leafed shrub, to over 1 m, flowers yellow; 4-9; mountain slopes, Swellendam to George, Oudtshoorn.
bisulca (Thunb.) Less. - spiny-leafed shrub, to 1 m, flowers yellow; 9-12; upper slopes, Nieuwoudtville to Ceres, Worcester, Witteberg to Uniondale.
carlinoides DC. - dense, sprawling shrub to 900 mm, flowers yellow; 6-7; coastal bush, Riversdale to George.
ciliaris (L.) R. Br. - (steekhaarbossie); straggling shrublet, 300-600 mm, flowers yellow; 7-11; lower slopes, Clanwilliam to Peninsula, Caledon.
cirsioides DC. - spiny-leafed shrublet, to 600 mm, flowers yellow; 7-11; shady lower mountain slopes, Humansdorp to Port Elizabeth.
decurrens Less. - shrub or shrublet, 600-900 mm, flowers yellow; 8-1; mountain slopes and flats, often near streams, Mossel Bay to Port Elizabeth.

floccosa E. Meyer ex DC. - shrublet, 600-900 mm, flowers yellow; 12-1; middle slopes, Clanwilliam, Piketberg.
micracantha DC. - shrublet to 300 mm, flowers yellow; 10-1; river flats, Piketberg.
patula (Thunb.) Less. - spiny shrublet, to 200 mm, flowers yellow; 8-9; ravines, Piketberg, Witteberg, George to Uniondale.
rigida DC. - rigid shrub to over 1 m, flowers yellow; 8-12; upper mountain slopes, Witteberg?, Swartberg Mts. (Namaqualand).
selago Roessler - shrublet, 100-200 mm, flowers yellow; 12; stony slopes, Caledon.
setosa (L.) R. Br. - (steekhaarbossie); spiny sprawling shrublet, 300-600 mm, flowers yellow; 5-12; coastal slopes, Paarl to Peninsula, Caledon.
squarrosa (L.) R. Br. - robust shrublet, to 350 mm, flowers yellow; 6-10; coastal bush, Peninsula to Caledon.
sulcata (Thunb.) Less. - spiny shrublet, to 300 mm, flowers yellow; 9-10; arid hillsides, Witteberg, Worcester to Ladismith, Caledon, Swellendam.

CUSPIDIA 1 sp - S and E Cape, Karoo,

cernua (L.f.) B.L. Burtt - (wortelbossie); sprawling annual, 50-300 mm, flowers pale yellow; 7-1; rocky flats and lower slopes, Oudtshoorn to Port Elizabeth (E Cape, Karoo).

CYMBOPAPPUS 3 sp - S W Cape to Transvaal

adenosolen (Harvey) B. Nordenstam - (= **Marasmodes adenosolen** Harvey); low somewhat woody perennial, 200-600 mm, flowers white and yellow; 4-1; usually in renosterveld, Ceres, Worcester, Caledon to Riversdale.

DICOMA ca 50 sp - mainly Africa, also Madagascar, India

fruticosa Compton - (type only seen); low shrublet, to 100 mm, flowers light purple; 10; karroid veld, Ladismith.
picta (Thunb.) Druce - (knoppiesdoringbossie); twiggy shrub, 300-600 mm, flowers pink to mauve; 10-12; dry stony slopes, Cedarberg, George, Uitenhage (Namibia, Karoo).
relhanioides Less. - low stout shrub with spine-tipped leaves, ca 150 mm, flowers pale mauve; 12-3; karroid flats and lower slopes, Ladismith.
spinosa (L.) Druce - low often prostrate shrublet, ca 300 mm, flowers pink or white; 10-6; dry rocky slopes, Worcester, Paarl, Caledon to Uitenhage (Karoo).

DIDELTA 2 sp - S W Cape to Namibia

carnosa (L.f.) Aiton - bushy perennial, 100-900 mm, flowers large, yellow; 7-12; coastal dunes and sandy flats, Clanwilliam to Malmesbury (Namaqualand).
spinosa (L.f.) Aiton - (perdebossie, slaaibossie); tall shrub or tree to 2 m, flowers large, yellow; 7-9; dry flats and slopes, Clanwilliam, Piketberg, Tulbagh (Namaqualand, Namibia).

DIMORPHOTHECA 8 sp - S W Cape and Karoo to Angola

chrysanthemifolia (Vent.) DC. - (gousblom, margriet); soft shrub, to 1 m, flowers yellow or orange; 8-1; sandy lower slopes, Paarl, Worcester, Montagu (Namaqualand?).
cuneata (Thunb.) Less. - rounded shrub with sticky leaves, to 1 m, flowers white with reddish reverse; 8-12; karroid flats, Ceres, Swellendam, Humansdorp to Port Elizabeth (dry parts of southern Africa).

montana Norlindh - perennial, 100-300 mm, flowers golden yellow with dark reverse; 11-1; upper mountain slopes, Worcester, Witteberg, Swartberg Mts.
pluvialis (L.) Moench - (ox-eye daisy, reënblommetjie, witbotterblom); annual, 100-400 mm, flowers white with purple reverse; 8-10; slopes and flats, Clanwilliam to Peninsula, Caledon to Riversdale (Namaqualand, Namibia).
sinuata DC. - annual, 100-300 mm, flowers orange or yellow; 8-10; sandy flats and ridges, Clanwilliam (Namaqualand to Angola).
venusta (Norlindh) Norlindh - mat-like perennial, scapes to 350 mm, flowers pink, purple or occ. white; 11-1; upper slopes, Paarl, Worcester, Swartberg Mts.

DISPARAGO 7 sp - S W to E Cape, 1 in Natal

anomala Schltr. ex Levyns - much-branched shrublet, 100-200 mm, flowers white or pink; 12-4; coastal sands, Peninsula to Bredasdorp.
ericoides Gaertner - much-branched shrub, 300-900 mm, flowers pink, occ. white; 4-1; sandy coastal soils, Caledon to Port Elizabeth (E Cape to Natal).
kolbei (Bolus) Hutch. - grey much-branched shrub, to 200 mm, flowers pink; 10; mountain summits, Witteberg, Swartberg.
kraussii Schultz Bip. - erect shrub, to 400 mm, flowers white; 4-6; coastal slopes, Riversdale to Humansdorp.
lasiocarpa Cass. - shrublet to 300 mm, flowers pink; 11-3; flats and lower slopes, Piketberg, Peninsula to Riversdale.
laxifolia DC. - small spreading shrublet, ca 150 mm, flowers white; 10-1; lower mountain slopes, Peninsula, Caledon.
rosea Hutch. - much-branched shrublet, to 250 mm, flowers pink; 10; Uniondale.

DOLICHOTHRIX 1 sp - interior S W and S Cape

ericoides (Lam.) Hilliard & B.L. Burtt - (= **Helichrysum ericoides** (Lam.) Pers.) (kliprenosterbos); densely branched ericoid shrub, to 700 mm, flowers white; 11-3; rock crevices, Cedarberg to Worcester, Swartberg Mts. to Uniondale.

DYMONDIA 1 sp - Bredasdorp

margaretae Compton - mat-forming perennial, to 50 mm, flowers yellow; 1-12; sandy coastal flats, Bredasdorp, Swellendam.

EDMONDIA 2 sp - S W and S Cape

fasciculata (Andrews) Hilliard - robust sparsely branched shrublet, to 600 mm, flowers golden-yellow; 8-10; mountains, Ceres, Worcester and Riviersonderend Mts. (Namaqualand).
pinifolia (Lam.) Hilliard - (= **Helichrysum pinifolia** (Lam.) Schrank); sparsely branched shrublet, to 600 mm, flowers pink, white or occ. yellow; 9-2; rocky upper slopes, Cedarberg to Peninsula, Worcester, Caledon (Namaqualand).
sesamoides (L.) Willd. - (= **Helichrysum sesamoides** (L.) Thunb.) (sewejaartjie, strooiblommetjie); sparsely branched shrublet, 300-600 mm, flowers white, rose or yellow; 8-1; rocky flats and slopes, Paarl, Peninsula to Riversdale.

ELYTROPAPPUS 8 sp - S W to E Cape, Karoo

adpressus Harvey - (wyfierenosterbos); low shrublet, ca 200 mm, flowers straw; 3-7; mid to upper alt., Caledon, Ceres, Worcester, Witteberg, Uniondale (Graaff-Reinet?).

cyathiformis DC. - low shrub, to 200 mm, flowers straw or white; 9-12; upper mountain slopes, Cedarberg, Ceres, Worcester, Witteberg, Piketberg.
glandulosus Less. - shrub with glandular pubescent leaves, to 500 mm, flowers straw; 3-5; upper mountain slopes, Ceres, Tulbagh, Stellenbosch.
gnaphaloides (L.) Levyns - (slangbos); much-branched greyish shrub, ca 600 mm, flowers yellowish; 1-4; flats and lower slopes, Piketberg, Clanwilliam to Nieuwoudtville, Paarl to Peninsula, Bredasdorp, Uniondale.
hispidus (L.f.) Druce - low shrub, to 150 mm, flowers whitish; 9; arid slopes, Nieuwoudtville, Gifberg.
longifolius (DC.) Levyns - (slangbossie); stiff erect shrub, ca 350 mm, flowers brownish; 2-4; middle slopes, Paarl, Peninsula, Caledon.
rhinocerotis (L.f.) Less. - (renosterbos); grey-green shrub, 0,6-2 m, flowers inconspicuous, yellow; 3-9; arid often clay flats and slopes, throughout S W Cape (E Cape, Karoo, Namaqualand).
scaber (L.f.) Levyns - (slangbossie); wiry shrub, to 1 m, flowers yellowish; 3-5; flats and slopes, Clanwilliam to Worcester, Peninsula, Bredasdorp.

ERIGERON ca 200 sp - cosmopolitan

***capensis** Houtt. - (= **Conyza ambigua** DC.); grey-green pubescent annual, 300-600 mm, flowers cream; 7-2; disturbed soil, widespread introduced weed.

ERIOCEPHALUS ca 26 sp - S W Cape and drier parts of southern Africa

africanus L. - (wild rosemary, wilderoosmaryn, kapokbossie); grey shrub, to 1 m, flowers white with purplish tips; 5-11; widespread in S W Cape (Namaqualand).
aromaticus C.A. Smith - shrub, 0,6-1,3 m, flowers white with purplish centre; 7-10; upper mountain slopes, Worcester, Witteberg to Oudtshoorn (Karoo).
aspalathoides DC. - (doringkapokbossie, kortbeen gombos); weakly spiny shrub, to 600 mm, flowers minute, yellow; 1-12; red sandy and rocky flats, Worcester (dry parts of southern Africa),
capitellatus DC. - slender shrub, to 1,6 m, flowers white; 5-11; dry rocky slopes, widespread in S W Cape (E Cape).
ericoides (L.f.) Druce - (= **E. glaber** Thunb.) (gewone kapokbossie); shrub with minute leaves, to 1 m, flowers white with reddish centre; 7-11; clay and sand flats, widespread, in W and S Cape (dry part of southern Africa).
punctulatus DC. - (boegoekapokbossie); shrub to 1 m, flowers white; 8-10; stony upper mountain slopes, Cedarberg Mts.
racemosus L. - (kapkoppie); shrub to 1,3 m, flowers white; 7-9; dunes and sandy lower slopes, coastal, Piketberg to Peninsula, Caledon to Humansdorp.
spinescens Burchell - (verekapok, doringkapok); rigid dwarf shrub, to 400 mm, flowers white; 10-2; stony sand, Clanwilliam? (N Cape, Karoo, OFS).
tenuifolius DC. - (kleinbergkapokbossie); shrub to 1 m, flowers white with violet centre; mainly 5-9; stony upper mountain slopes, Uniondale.
xerophilus Schltr. - (bitterbos); shrub to 600 mm, flowers mauve and purple; 5-9; lower slopes and plateaus, Nieuwoudtville (Karoo, Namaqualand).

EURYOPS 97 sp - tropical and southern Africa, S Arabia

abrotanifolius (L.) DC. - (geel margriet); erect shrub to 1 m, flowers yellow; 5-12; sandy or rocky slopes, Clanwilliam to Peninsula, Worcester to Swellendam.

algoensis DC. - (harpuisbos); erect shrub, to 800 mm, flowers yellow; 3-6; coastal bush, Mossel Bay, Humansdorp to Port Elizabeth (E Cape).
anthemoides B. Nordenstam - erect shrublet, 200-600 mm, flowers yellow; 1-12; karroid areas, Uitenhage, Port Elizabeth (Karoo, E Cape).
bolusii B. Nordenstam - much-branched shrublet, 200-400 mm, flowers yellow; 12-5; fynbos at high alt., Swartberg Mts., Uniondale.
brevilobus Compton - stout shrub, to 1 m, flowers yellow; 7-10; upper slopes and summits, Cedarberg, Ceres.
brevipapposus M.D. Henderson - erect branching shrub, to over 2 m, flowers yellow; 1-12; near rivers, Uitenhage, Port Elizabeth (E Cape to Transvaal).
cuneatus B. Nordenstam - much-branched shrub, to 1 m, flowers yellow; 7-9; dry stony middle slopes, Ceres, Worcester (W Karoo).
decipiens Schltr. - low shrublet, scapes to 200 mm, flowers yellow; 10-1; moist, steep rocky slopes, Paarl.
erectus (Compton) B. Nordenstam - erect shrub to 1 m, flowers yellow; 7-12; rocky upper mountain slopes, Witteberg, Ladismith to Uniondale.
ericifolius (Bel.) B. Nordenstam - compact shrublet, 200-300 mm, flowers yellow; 3-10; flats and lower slopes, Uitenhage, Port Elizabeth (E Cape).
ericoides (L.f.) B. Nordenstam - low shrublet, scapes to 800 mm, flowers yellow; 1-12; rocky limestone hills, Bredasdorp, Swellendam.
euryopoides (DC.) B. Nordenstam - erect branching shrub to over 1 m, flowers yellow; 3-12; rocky coastal bush, Humansdorp to Port Elizabeth (E Cape).
glutinosus B. Nordenstam - suberect shrub, to over 1 m, leaves yellowish, sticky, flowers yellow; 10-12; dry rocky upper slopes, Ladismith.
hebecarpus (DC.) B. Nordenstam - erect or spreading shrublet, 100-350 mm, flowers yellow or orange; 8-9; limestone hills, Bredasdorp.
imbricatus (Thunb.) DC. - widely spreading shrub, to over 1 m, flowers yellow; 1-12; karroid flats and lower slopes, Worcester (W Karoo).
indecorus B. Nordenstam - erect shrub, 200-900 mm, flowers yellow; 10-11; steep rocky upper slopes and summits, Caledon.
integrifolius B. Nordenstam - erect shrublet, to 100 mm, flowers yellow; 11; rocky ridges at high alt., Uniondale.
lasiocladus (DC.) B. Nordenstam - erect shrublet, ca 100 mm, flowers yellow; 6-8; lower to middle slopes, Caledon.
lateriflorus (L.f.) DC. - (soetharpuisbos); shrub to 1 m or more, flowers yellow; 4-12; widespread, Ceres to George (excluding Peninsula) (Namaqualand, Karoo, E Cape, Namibia).
latifolius B. Nordenstam - erect shrub to over 2 m, flowers yellow; 5-6; mountain summits, Uitenhage.
linearis Harvey - erect shrub to over 2 m, flowers yellow; mainly 8-10; limestone, Bredasdorp.
linifolius (L.) DC. - (fynbos); erect shrub to 2 m, flowers yellow; 5-10; sandy flats and lower slopes, Malmesbury, Stellenbosch, Caledon?, George.
longipes DC. - small slender shrublet, 100-300 mm, flowers yellow; 11-4; mountain slopes, Paarl, Worcester, Tulbagh, Caledon.
mirus B. Nordenstam - low shrub with long taproot, scapes to 200 mm, flowers yellow; 7-9; Nieuwoudtville plateau.
muirii C.A. Smith - (strandharpuis); rigid shrublet, 150-250 mm, flowers yellow; 9; bare rocky limestone hills, Riversdale.
multifidus (Thunb.) DC. - (kapokbossie, skaapbossie); erect shrub to 1 m, flowers yellow; 5-9; often on rock outcrops, Clanwilliam, Worcester, Malmesbury (Namaqualand, W Karoo).
munitus (L.f.) B. Nordenstam - low shrublet, scapes to 400 mm, flowers yellow; 1-12; mountain slopes, Uniondale to Port Elizabeth.

oligoglossus DC. - (wildeharpuisbos); lax shrub to 1,5 m, flowers yellow; 12-6; dry riverbeds, Ceres, Hex River Mts. (Karoo).
othonnoides (DC.) B. Nordenstam - low shrub, 200-400 mm, flowers yellow; 8-12; high alt. cliffs or crevices, Cedarberg, Worcester, Witteberg, Hex River Mts.
pectinatus (L.) Cass. - (wolharpuisbos); dense woolly leafed shrub, to over 1,5 m, flowers yellow; 9-12; rock crevices, Gifberg, Piketberg, Paarl, Peninsula.
pinnatipartitus (DC.) B. Nordenstam - (bergkamille); shrub or shrublet, 300-900 mm, flowers yellow; 1-12; mid to upper alt., Swellendam to Humansdorp.
rehmannii Compton - erect shrub, to 1 m, flowers yellow; 7-12; karoo or arid fynbos, Clanwilliam to Worcester, Tulbagh, Paarl, Witteberg, Ladismith, Uniondale to Uitenhage (Karoo).
rosulatus B. Nordenstam - compact nearly acaulescent shrublet, scapes to 200 mm, flowers yellow; 8-9; Nieuwoudtville plateau.
rupestris Schltr. - shrub or shrublet, to 1 m, flowers yellow; 7-12; rock crevices at high alt., Ceres to Stellenbosch, Witteberg, Caledon.
serra DC. - (grootharpuisbos); stout shrub, to nearly 2 m, flowers yellow; 8-2; rocky lower slopes, Piketberg, Tulbagh, Caledon.
spathaceus DC. - (harpuisbos); dense shrub to over 1 m, flowers yellow; 1-12; rocky lower karroid slopes, Swartberg Mts., Uniondale to Port Elizabeth (Karoo, E Cape).
speciosissimus DC. - (harpuisbos); tall shrub, to nearly 2 m, flowers yellow; 7-1; arid lower to middle slopes, Nieuwoudtville to Clanwilliam, Piketberg, Tulbagh (W Karoo).
subcarnosus DC. - (soetharpuisbos); variable shrub or shrublet, 0,3-1 m, flowers yellow; 1-12; varied habitats, Worcester to Oudtshoorn, Riversdale, George (Namaqualand, Karoo, N Cape, Namibia).
tagetoides (DC.) B. Nordenstam - grey-leafed shrub, to 1 m, flowers orange; 7-9; lower to middle slopes in arid fynbos or renosterveld, Clanwilliam.
tenuilobus (DC.) B. Nordenstam - slender shrublet, ca 200 mm, flowers yellow; 6-8; lower slopes, Caledon.
tenuissimus (L.) DC. - (resin-bush, grootharpuisbos); variable shrub, 0,3-2,5 m, flowers yellow or orange; 7-12; varied habitats, Nieuwoudtville to Worcester, Witteberg, Malmesbury, Robertson to Swellendam, Ladismith (Namaqualand, W Karoo).
thunbergii B. Nordenstam - shrub to over 1 m, flowers yellow; 6-11; sand or clay flats and lower slopes, Gifberg, Clanwilliam to Malmesbury, Worcester.
ursinoides B. Nordenstam - sparsely branched shrub, 1-2 m, flowers yellow; 7-12; rocky lower slopes, Uitenhage, Port Elizabeth.
virgatus B. Nordenstam - erect shrublet, to 500 mm, flowers yellow; 7-9; Nieuwoudtville plateau.
virgineus (L.f.) DC. - (rivierharpuisbos); often compact shrub or shrublet, 0,5-3 m, flowers yellow; 1-12; varied habitats, Bredasdorp to Port Elizabeth (E Cape).
wageneri Compton - tall sparsely branched shrub, flowers orange or deep yellow; 8-9; rocky slopes and plateaus, Cedarberg.

FELICIA 83 sp - tropical and southern Africa

aculeata Grau - perennial to 450 mm, flowers blue; 8-9; coastal flats and lower slopes, lime-tolerant, Tulbagh, Caledon to Knysna.
aethiopica (Burm. f.) Adamson & T.M. Salter - (wilde-aster); perennial to 1 m, flowers blue; 1-12; flats and slopes, Cedarberg to Tulbagh, Swartberg Mts., Peninsula to Swellendam (E Cape to Natal).
amelloides (L.) Voss - (wilde-aster); perennial to 1 m, flowers light blue; 1-12; coastal bush, Riversdale, Humansdorp to Port Elizabeth (E Cape).

amoena (Schultz Bip.) Levyns - biennial or perennial, 100-250 mm, flowers blue; 6-11; often on coastal slopes, lime-tolerant, Cedarberg to Worcester, Piketberg, Peninsula to Port Elizabeth (E Cape).

annectens (Harvey) Grau - annual, 50-150 mm, flowers blue; ?; Paarl, Malmesbury, Peninsula, Caledon.

australis (Alston) E. Phillips - annual, 50-250 mm, flowers deep blue; 7-9; sand or clay flats, Nieuwoudtville, Clanwilliam, Piketberg (Karoo, Namaqualand).

bellidioides Schltr. - tufted perennial, 70-250 mm, flowers mauve or blue; 8-1; south-facing mountain summits, Cedarberg to Tulbagh, Hex River Mts., Witteberg, Montagu, Ladismith.

bergeriana (Sprengel) O. Hoffm. - annual, 100-250 mm, flowers occ. white; 8-10; rocky lower slopes, Nieuwoudtville to Peninsula, Caledon (Namaqualand).

brevifolia (DC.) Grau - branched shrub, 0,2-1 m, flowers mauve or white; 7-9; dry rocky mountain slopes, Ceres (Namaqualand, W Karoo).

cana DC. - woolly shrublet, ca 150 mm, flowers mauve; 5; Ladismith, Montagu, Swellendam, Riversdale.

canaliculata Grau - shrub to 400 mm, flowers pink or white; 9; coastal fynbos, Bredasdorp.

comptonii Grau - shrublet, ca 300 mm, flowers blue; 9-10; rocky slopes, Montagu, Robertson.

cymbalariae (Aiton) Adamson & T.M. Salter - straggling perennial, 100-300 mm, flowers white; 9-3; shady rock overhangs, Clanwilliam to Peninsula, Caledon.

cymbalarioides (DC.) Grau - loosely tufted perennial, to 250 mm, flowers blue; 10-11; rock ledges at high alt., Worcester, Robertson, Paarl, Peninsula.

denticulata Grau - perennial, 200-400 mm, flowers blue; 8-9; shady slopes, Clanwilliam, Worcester to Swellendam, Caledon.

diffusa (DC.) Grau - perennial or shrublet, to 150 mm, flowers blue; 10; shady upper slopes, Cedarberg, Worcester (Namaqualand).

dregei DC. - shrub to over 1 m, flowers mauve, fragrant; 7-9; sandy lower slopes, Clanwilliam, Piketberg (Namaqualand, Karoo).

dubia Cass. - annual, 50-400 mm, flowers blue; 7-10; sand or gravel flats and slopes, Gifberg, Ceres to Peninsula, Worcester (Karoo, Namaqualand).

ebracteata Grau - stout perennial, to 400 mm, flowers dark blue; 9-10; limestone hills, Bredasdorp.

echinata (Thunb.) Nees - (bloublommetjie); rigid shrub or shrublet, 0,2-1 m, flowers mauve; 4-10; coastal bush, Mossel Bay to Port Elizabeth (E Cape).

elongata (Thunb.) O. Hoffm. - annual, 150-300 mm, flowers white with maroon band; 8-10; coastal sand, Hopefield.

esterhuyseniae Grau - shrublet to 250 mm, flowers blue, white or mauve; 3-5; stony slopes at high alt., Uniondale.

fascicularis DC. - fine-leafed shrublet, 100-300 mm, flowers pale mauve; 2-6; dry slopes, Montagu, Ladismith, George to Port Elizabeth (E Cape, OFS, Transvaal).

ferulacea Compton - straggling shrub, to 2 m, flowers mauve, blue or white; ?; rocky often marshy mountain slopes, Cedarberg to Worcester, Swartberg Mts.

filifolia (Vent.) Burtt Davy - (= **Diplopappus filifolius** DC.) (draaibossie); much-branched small-leafed shrub, to 1,5 m, flowers mauve; nearly 1-12; flats and slopes, Nieuwoudtville to Port Elizabeth (E Cape to Transvaal, Namibia).

fruticosa (L.) Nichols. - (= **Diplopappus fruticosus** L.) (wild aster, bloublommetjie); much-branched variable shrub, 0,6-1 m, flowers blue, mauve or white; 9-11; lower slopes, Stellenbosch, Peninsula (Transvaal).

heterophylla (Cass.) Grau - annual, 200-350 mm, flowers blue with blue, occ. yellow centre; 8-10; sandy flats or lower slopes, Clanwilliam to Peninsula.

hirsuta DC. - shrublet, 100-600 mm, flowers blue to mauve; 1-12; dry flats or lower slopes, Nieuwoudtville, Oudtshoorn, Ladismith, Swellendam (Karoo, Namaqualand, N Cape, OFS, Namibia).

hirta (Thunb.) Grau - small bushy shrublet, 100-350 mm, flowers blue; 7-10; lower slopes, Nieuwoudtville, Clanwilliam, Ceres, Robertson (Namaqualand).

hispida (DC.) Grau - perennial, 100-350 mm, flowers white; 9-12; upper mountain slopes, Nieuwoudtville, Cedarberg, Ceres (Namaqualand).

hyssopifolia (Bergius) Nees - shrublet, 200-600 mm, flowers blue, mauve, pink or white; 4-1; sandy flats or lower slopes, Gifberg to Port Elizabeth (N and E Cape, OFS, Lesotho, Namibia).

joubertinae Grau - shrublet to 400 mm, flowers blue or white; 10-1; rocky ridges often near streams, Knysna to Humansdorp.

lasiocarpa DC. - small rigid shrub, to 200 mm, flowers mauve; 9-10; karroid middle slopes, Worcester (W Karoo).

linifolia (Harvey) Grau - low shrub, to 300 mm, flowers blue; 3-8; middle slopes near streams, Ladismith, George to Uitenhage.

merxmuelleri Grau - annual, 50-250 mm, flowers blue; 8-9; rocky lower slopes and plateaus, Nieuwoudtville to Clanwilliam, Ceres (Karoo, Namaqualand).

microcephala Grau - shrublet to 200 mm, flowers blue or white; 9-1; rocky ravines, Uniondale, Humansdorp.

microsperma DC. - branched annual, to 500 mm, flowers blue; 9-1; sandy soil near water, Clanwilliam (Namibia).

minima (Hutch.) Grau - annual, 50-200 mm, flowers pale blue or cream; 9-1; rocky mountain slopes, Clanwilliam to Stellenbosch, Worcester, Robertson, Ladismith, Riversdale, Swartberg Mts.

muricata (Thunb.) Nees - (taaibloublommetjie, karoobloublommetjie); shrub, 200-700 mm, flowers lilac or white; 11-4; flats and mountains, Oudtshoorn, Swellendam to Uitenhage (southern and tropical Africa).

namaquana (Harvey) Merxm. - tufted annual, 100-250 mm, flowers pale blue; 6-10; sandy flats, Nieuwoudtville to Worcester (Karoo, Namaqualand, Namibia).

nigrescens Grau - dwarf perennial, to 60 mm, flowers blue; 4; Caledon (poorly known).

nordenstamii Grau - dwarf shrub, to 300 mm, flowers blue; 9-10; coastal limestone hills, Bredasdorp.

oleosa Grau - low shrub, 100-250 mm, flowers blue or mauve; 10; high south-facing slopes, Witteberg and Swartberg Mts.

ovata (Thunb.) Compton - (bloublommetjie); shrub, 200-900 mm, flowers deep blue; 4-12; karroid mountain slopes, Nieuwoudtville, Witteberg to Oudtshoorn, Riversdale to Port Elizabeth (N and E Cape, OFS).

puberula Grau - annual, 100-300 mm, flowers blue; 7-9; sandy flats, Clanwilliam, Piketberg (W Karoo, S Namaqualand).

rogersii S. Moore - low rigid shrub, 200-300 mm, flowers lilac or violet, fragrant; 8-9; stony lower slopes, Clanwilliam, Worcester (W Karoo, S Namaqualand).

scabrida (DC.) Grau - shrub to over 1 m, flowers blue-violet; 7-9; rocky lower slopes, Lokenburg, Clanwilliam, Ceres (Namibia).

serrata (Thunb.) Grau - branched annual, 100-400 mm, flowers blue; 12-2; damp areas, Clanwilliam, Ceres, Piketberg, Hopefield.

stenophylla Grau - straggling shrublet, 300-600 mm, flowers blue, white or mauve; 10; sandy lower slopes, Lokenburg, Clanwilliam, Hopefield (Namaqualand).

tenella (L.) Nees - annual occ. perennial, 50-400 mm, flowers blue, violet or white; 1-12; near water or coastal dunes, Nieuwoudtville to Worcester, Peninsula, Paarl to Riversdale.

tsitsikammae Grau - low shrublet, to 300 mm, flowers blue; 1-5; upper mountain slopes, Uniondale to Humansdorp.

venusta S. Moore - low broom-like shrub, 200-400 mm, flowers blue-mauve; 8-10; rocky mountain ridges, Clanwilliam, Paarl, Worcester to Montagu.
westae (Fourc.) Grau - low shrub, to 400 mm, flowers blue or mauve; 9-2; riverbanks, Knysna to Humansdorp.
whitehillensis Compton - rigid low shrub, 150-400 mm, flowers blue or mauve; 7-9; rocky karroid flats or lower slopes, Little Karoo (Karoo, Namaqualand).
zeyheri (Less.) Nees - shrublet, 100-300 mm, flowers blue or purple; mainly 10-4; ravines, Oudtshoorn, Humansdorp to Port Elizabeth (E Cape).

GAZANIA 16 sp - southern and tropical Africa

ciliaris DC. - tufted perennial, to 150 mm, flowers orange with dark ring; 7-9; rocky slopes, Gifberg, Piketberg to Stellenbosch, Caledon to Riversdale, Uniondale.
heterochaeta DC. - tufted perennial, 50-200 mm, flowers orange with dark ring; 7-10; lower slopes, Uniondale (Karoo, Namaqualand).
krebsiana Less. - (botterblom, gousblom); variable tufted perennial, 100-200 mm, flowers varied shades of yellow or orange; 1-12; roadsides, flats or lower slopes, widespread in S W and S Cape (southern and tropical Africa).
lichtensteinii Less. - (geelgousblom, gousblom); tufted annual, rootstock may be perennial, 50-250 mm, flowers yellow or orange; 5-10; gravel or sandy areas among rocks, Clanwilliam, Ceres, Piketberg (Karoo, Namaqualand, Namibia).
linearis (Thunb.) Druce - (bottterblom, bensli); tufted perennial, 100-350 mm, flowers yellow or orange, often with dark ring; 3-12; grassland, Humansdorp to Port Elizabeth (E Cape to Natal).
maritima Levyns - creeping perennial, ca 100 mm, flowers yellow with dark ring; 11-2; rocky seashores, Peninsula to Caledon.
othonnites (Thunb.) Less. - tufted mat-like perennial, 50-100 mm, flowers yellow or orange; 9-12; quartzite or sandy lower slopes, Piketberg (W Karoo, Namaqualand).
pectinata (Thunb.) Sprengel - (= **G. pinnata** (Thunb.) Less.); annual or perennial, 100-400 mm, flowers yellow or orange with dark ring; 8-11; coastal flats or lower slopes, Hopefield to Peninsula, Caledon to Bredasdorp.
rigens (L.) Gaertner - (rankgousblom, strandgousblom); creeping often silvery perennial, 100-200 mm, flowers yellow; 1-12; sand dunes, George to Port Elizabeth (E Cape to tropical Africa).
rigida (Burm. f.) Roessler - tufted perennial, 100-250 mm, flowers yellow or orange with dark ring; 7-11; flats and lower slopes, Clanwilliam, Peninsula, Worcester to Montagu, Caledon to Riversdale, Humansdorp (W Karoo).
serrata DC. - tufted perennial, 100-200 mm, flowers orange with dark ring; 8-11; rocky slopes, Gifberg to Worcester, Piketberg, Paarl, Caledon.
tenuifolia Less. - tufted annual, 50-150 mm, flowers yellow or orange with dark ring; 8-9; dry flats or lower slopes, Clanwilliam, Ceres (W Karoo, Namibia, Namaqualand).

GERBERA ca 100 sp - Africa, Asia

ambigua (Cass.) Schultz-Bip. - (= **G. viridifolia** (DC.) Schultz-Bip.); tufted perennial, scapes to 350 mm, flowers white to yellow with pink to copper reverse; 9-12; grassland, George to Port Elizabeth (E Cape to Natal, tropical Africa).
cordata (Thunb.) Less. - (tongblaarbossie); tufted perennial, scapes 150-300 mm, flowers white; 1-12; coastal forest, George to Port Elizabeth (E Cape).

crocea (L.) Kuntze - (dialsabossie, danielsbossie); tufted perennial, scapes to 400 mm, flowers white or pink, maroon on reverse; 9-5; damp shady slopes, after fires, Ceres to Peninsula, Caledon, Bredasdorp, Montagu, Swartberg Mts.
integralis Sonder - tufted perennial, scapes 150-400 mm, flowers white; 11-2; damp flats or lower slopes, Peninsula to Caledon.
linnaei Cass. - (= **G. asplenifolia** Sprengel) (varingblom); perennial with tufted fern-like leaves, scapes to 400 mm, flowers cream, maroon on reverse; 10-1; sandy lower to middle slopes, after fires, Stellenbosch, Peninsula to Swellendam.
piloselloides (L.) Cass. - (= **Piloselloides hirsuta** (Forsskal) C. Jeffrey) (swarttee-bossie); tufted perennial, scapes 50-300 mm, flowers white, pink or yellow; 7-2; lower slopes, Peninsula to Port Elizabeth (palaeotropics).
serrata (Thunb.) Druce - (= **G. ferruginea** DC.); tufted perennial, scapes 100-300 mm, flowers white with maroon reverse; 8-11; mountain fynbos, Caledon to Knysna, Ladismith.
tomentosa DC. - (tontelblaarbossie); tufted perennial, scapes 300-500 mm, flowers cream or yellow; 1-12; Paarl, Caledon, Bredasdorp.
wrightii Harvey - tufted perennial, scapes 300-600 mm, flowers white; 9-1; rocky lower slopes, Cape Peninsula.

GIBBARIA 2 sp - S W and S Cape

ilicifolia (L.) Norlindh - sticky branched shrublet with aromatic leaves, 200-600 mm, flowers yellow; 8-3; sandy or limestone slopes, Ceres to Peninsula, Caledon to Bredasdorp.
scabra (Thunb.) Norlindh - (steekbossie); shrublet to 200 mm, flowers yellow or white with orange reverse; 8-9; riverine bush, Knysna to Uitenhage.

GNAPHALIUM ca 300 sp - cosmopolitan
(see also **Lasiopogon, Plecostachys, Pseudognaphalium, Troglophyton, Vellereophyton**)

capense Hilliard - erect or sprawling woolly perennial, 100-400 mm, flowers whitish; 9-1; damp areas, Paarl to Port Elizabeth (Karoo, E Cape).
declinatum L.f. - woolly mat-like perennial, flowers brownish-white; 9-2; damp flats or lower slopes, Peninsula to Port Elizabeth.
gnaphalodes (DC.) Hilliard & B.L. Burtt - (= **Amphidoxa gnaphalodes** (DC.) Hilliard & B.L. Burtt); nearly prostrate woolly perennial, 100-300 mm, flower white and brown; 9-5; marshy areas, Uitenhage, Port Elizabeth (E Cape to Transkei).
pauciflorum DC. - erect or spreading woolly annual, 10-130 mm, flowers straw or golden-brown with purple tips; 9-10; flats and slopes, Ceres, Worcester, Piketberg, Peninsula to Riversdale.
***spicatum** Lam. - (purple cudweed); sparsely branched annual or perennial, to 200 mm, flowers pinkish-mauve; 9-3; weed of lawns or disturbed soil, Peninsula to Port Elizabeth (widespread in southern Africa, worldwide).
***subfalcatum** Cabrera - erect or spreading annual, 200-350 mm, flowers pinkish; 11-12; weed of gardens and disturbed soil, Peninsula, Uniondale, Port Elizabeth (widespread in southern Africa, New Zealand, U.S.A.).
vestitum Thunb. - slender woolly perennial with trailing stems, 50-150 mm, flowers whitish-buff; 11-4; damp, disturbed soil, Uniondale (E Cape).

GORTERIA 3 sp - S W Cape to Namibia

diffusa Thunb. - (beetle daisy); low spreading annual, 50-300 mm, flowers orange with beetle-like markings; 7-10; flats or rocky lower slopes, Nieuwoudtville to Ceres, Worcester to Swellendam (Namaqualand, Namibia).

personata L. - low spreading annual, 50-800 mm, flowers yellow with greenish reverse; 8-10; rocky or sandy flats and lower slopes, Nieuwoudtville to Paarl, Peninsula to Humansdorp.

GYMNODISCUS 2 sp - S W Cape to Namaqualand

capillaris (L.f.) Less. - annual with tufted succulent leaves, scapes to 200 mm, flowers yellow; 6-10; sandy flats and lower slopes, Clanwilliam to Mossel Bay (W Karoo, Namaqualand).

GYMNOSTEPHIUM 7 sp - S W and S Cape

angustifolium Harvey - twiggy shrublet, to 450 mm, flowers blue; 9-10; streamsides, Caledon.
ciliare (DC.) Harvey - shrublet, 100-200 mm, flowers pink; 9-12; mountain summits, Caledon.
corymbosum (Turcz.) Harvey - (resembles **Mairea corymbosa** Harvey); tall shrub to 1,5 m, flowers white, fading pink; 7-9; streamsides, Caledon.
fruticosum DC. - dense sprawling shrublet, to 400 mm, flowers dark blue; 8-3; steep upper mountain slopes, Swellendam.
gracile Less. - very slender wiry shrublet, flowers blue; ?; damp slopes, Langeberg Mts., Swellendam (poorly known).
hirsutum Less. - scabrid shrublet, to 400 mm, flowers dark blue; 10-1; steep south-facing mountain slopes, Caledon.
leve Bolus - slender shrublet, 300-600 mm, flowers lilac; 12-4; moist upper mountain slopes, Ceres, Worcester.

HAPLOCARPHA ca 10 sp - tropical and southern Africa

lanata (Thunb.) Less. - (brandbossie); tufted perennial or shrublet, 50-100 mm, flowers yellow with red reverse; 3-6; middle slopes, Clanwilliam, Ceres, Peninsula to Swellendam.
lyrata Harvey - (bietou); tufted perennial, 100-300 mm, flowers yellow; 1-12; grassveld, Uniondale to Uitenhage (E Cape).
nervosa (Thunb.) Beauverd - (= **Landtia nervosa** (Thunb.) Less.); tufted perennial, flowers yellow with greenish reverse; 9-4; marshy areas, George to Port Elizabeth (E Cape to tropical Africa).

HELICHRYSUM ca 500 sp - Africa, Madagascar, S Europe, India, Ceylon, Australia
(See also **Atricantha, Dolichothrix, Edmondia, Leontonyx, Plecostachys, Troglophyton, Vellereophyton**)

acrophilum Bolus - erect branched shrublet, 150-300 mm, flowers golden-yellow; 12-1; upper mountain slopes, Ceres, Worcester.
alsinoides DC. - woolly prostrate annual, flowers yellowish; 8-9; karroid flats, Clanwilliam (Namaqualand).
anomalum Less. - much-branched shrublet, 200-450 mm, flowers yellow; 3-9; moist slopes, often in coastal scrub, Oudtshoorn, Mossel Bay to Port Elizabeth (E Cape to Natal).
appendiculatum (L.f.) Less. - (sheep's ears); woolly perennial, 300-600 mm, flowers cream or pink; 12-5; moist grassland, Swellendam to Port Elizabeth (E Cape to Transvaal).
archeri Compton - much-branched dwarf shrub, 50-150 mm, flowers white; 10-12; rocky upper slopes, Witteberg.

argenteum Thunb. - semi-erect shrublet, 250-600 mm, flowers glossy white or rose; 5-11; coastal scrub, Uitenhage, Port Elizabeth (E Cape).

asperum (Thunb.) Hilliard & B.L. Burtt - (= **H. laxum** DC. & **H. ericifolium** Less.) (geilsiekteopslag); erect or spreading perennial or shrublet, to 300 mm, flowers creamy-yellow or reddish; 1-12; varied habitats, Clanwilliam, Ladismith, Stellenbosch, Peninsula to Port Elizabeth (Karoo, E Cape to Transvaal).

aureum (Houtt.) Merrill - (= **H. fulgidum** (L.f.) Willd.); variable rosetted perennial, scape to 600 mm, flowers golden-yellow; 7-12; grassland, Uitenhage, Port Elizabeth (E Cape to Transvaal and tropical Africa).

capense Hilliard - (= **H. marifolium** auct. non DC.); spreading shrublet, to 200 mm, flowers dull yellow; 9-12; upper slopes, Stellenbosch, Peninsula to Mossel Bay.

catipes Harvey - (= **H. anaxetonoides** Schltr. & Moeser); woolly perennial, scapes 100-150 mm, flowers pinkish or white; 12-1; upper mountain slopes, Cedarberg to Ceres.

chlorochrysum DC. - erect shrub, to 1 m, flowers creamy; 6-11; limestone hills in fynbos, Bredasdorp, Swellendam.

cochleariforme DC. - (= **H. imbricatum** (L.) Less.) (duineteebossie); low shrublet, 100-400 mm, flowers golden and white; 9-12; open areas in coastal scrub, Piketberg, Peninsula to Mossel Bay.

crispum (L.) D. Don - (= **H. crassifolium** (L.) D. Don); sprawling perennial, 300-600 mm, flowers creamy; 10-1; sand dunes or flats, Peninsula to Caledon.

cylindriflorum (L.) Hilliard & B.L. Burtt - (= **H. cylindricum** Less.); much-branched silvery shrublet, 100-300 mm, flowers golden-yellow; 9-12; sandy stony slopes, Clanwilliam to Peninsula, Worcester, Witteberg, Swellendam (Karoo).

cymosum (L.) D. Don - erect or spreading much-branched shrublet, 300-600 mm, flowers yellow; 10-3; dry areas on flats or slopes, Paarl, Peninsula to Port Elizabeth (E Cape to E Transvaal, tropical Africa).

dasyanthum (Willd.) Sweet - (= **H. maritimum** D. Don); erect spreading shrublet, to 1 m, flowers yellow; 9-12; coastal and mountain slopes, Clanwilliam to Worcester, Oudtshoorn, Paarl, Peninsula to Bredasdorp, Uniondale.

diffusum DC. - woolly perennial, 150-250 mm, flowers white with reddish tips; 11-1; damp mountain ravines, Worcester, Paarl, Stellenbosch (S Natal).

dykei Bolus - dwarf shrublet, to 100 mm, flowers white and rosy; 10-4; upper mountain slopes, Worcester.

excisum (Thunb.) Less. - much-branched rigid shrublet, to 150 mm, flowers yellow; 12-1; dry stony slopes, Oudtshoorn, Uniondale (Karoo).

fastigiatum Harvey - dwarf rounded shrublet, to 100 mm, flowers brownish-yellow; 10; Caledon.

felinum (Thunb.) Less. - stout perennial, to 1 m, flowers white or rosy; 9-2; moist mountain slopes, Paarl, Stellenbosch, Oudtshoorn, Caledon to Port Elizabeth (E Cape to Natal).

foetidum (L.) Moench - (geelsewejaartjie); tall biennial, to over 1 m, flowers bright yellow or cream; 10-4; bush or grassland in sheltered ravines, Clanwilliam to Paarl, Peninsula to Port Elizabeth (E Cape to tropical Africa).

fruticans (L.) D. Don - woolly perennial, 400-900 mm, flowers white; 9-12; shaded mid to upper slopes, Cape Peninsula.

grandiflorum (L.) D. Don - (witsewejaartjie); woolly perennial, 200-400 mm, flowers cream; 11-2; rock crevices on middle or upper slopes, Cape Peninsula.

hamulosum E. Meyer ex DC. - erect shrub, to over 1 m, flowers pale yellow; 11-1; dry upper slopes, Cedarberg to Worcester, Montagu (Karoo, Namaqualand).

hebelepis DC. - silvery shrublet, 300-450 mm, flowers golden-yellow; 8-10; rocky lower slopes, Clanwilliam, Worcester (W Karoo, Namaqualand).

helianthemifolium (L.) D. Don - (= **H. capitellatum** (Thunb.) D. Don); somewhat sprawling woolly shrublet, to 600 mm, flowers cream; 11-3; mountains, sometimes marshy sites, Clanwilliam to Peninsula.

herbaceum (Andrews) Sweet - perennial to 300 mm, flowers yellow and gold; 10-3; grassland, Uniondale to Port Elizabeth (E Cape to tropical Africa).

incarnatum DC. - (= **H. rubellum** Less.); silvery shrublet, ca 300 mm, flowers reddish; 9-11; dry flats or lower slopes, Tulbagh, Worcester.

indicum (L.) Grierson - erect or spreading woolly annual, 100-300 mm, flowers white or yellowish; 10-1; sandy flats and slopes, Clanwilliam to Peninsula, Caledon, Montagu.

interzonale Compton - slender straggling shrublet, 100-300 mm, flowers dull yellow; 8-11; dry mountains, Witteberg, Montagu, Ladismith, Uniondale (Karoo).

lambertianum DC. - silvery shrublet, to 200 mm, flowers yellow; 11-12; sandy, stony slopes, Clanwilliam, Ceres, Tulbagh, Montagu.

lancifolium Thunb. - erect or spreading shrublet, 300-600 mm, flowers pink and white; 8-1; rocky summits, Worcester, Witteberg, Ladismith to Uniondale.

leontonyx DC. - mat-like annual, ca 50 mm, flowers yellow or reddish; 8-12; sandy or stony flats, Clanwilliam, Ceres (Karoo, Namaqualand, Namibia).

lepidopodium Bolus - handsome silvery shrublet, to 600 mm, flowers large, white; 7-1; upper slopes, Paarl, Stellenbosch.

litorale Bolus - (= **Leontonyx spathulatus** (Thunb.) Less.) (everlasting); woolly prostrate annual or perennial, flowers rust; 10-1; sea level to upper slopes, Ceres and Peninsula to Port Elizabeth (Namaqualand).

marifolium DC. - (= **H. umbellatum** (Turcz.) Harvey); branched shrublet, 100-300 mm, flowers yellow; 10-12; steep southern slopes, Caledon.

moeserianum Thellung - (= **H. rutilans** auct. non (L.) D. Don); woolly annual, 100-400 mm, flowers bright yellow; 8-2; sandy flats, Gifberg to Worcester, Peninsula, Robertson, Riversdale, Mossel Bay (W Karoo).

mucronatum (L.) Willd. - erect silvery shrublet, 300-450 mm, flowers white or yellow; 8-3; lower slopes, Clanwilliam to Stellenbosch, Caledon, Bredasdorp, Swartberg Mts.

niveum (L.) Less. - (= **H. metalasioides** DC.); dwarf rounded shrublet, 100-200 mm, flowers white; 11-2; sand dunes or limestone outcrops, Malmesbury to Peninsula, Stellenbosch to Bredasdorp.

nudifolium (L.) Less. - (wild tea); coarse perennial, to 1 m, flowers yellow; 10-4; grassland or fynbos, Tulbagh, Worcester, Ladismith, Piketberg to Peninsula, George to Port Elizabeth (E Cape to tropical Africa).

odoratissimum (L.) Sweet - (kooigoed); shrublet, 300-500 mm, flowers brown and yellow; 8-2; mountain slopes, Clanwilliam to Peninsula, Riversdale to Uniondale (E Cape to tropical Africa).

oxybelium DC. - intricately branched shrublet, to 100 mm, flowers reddish-orange; 10-3; stony slopes, Clanwilliam, Worcester (Namaqualand).

oxyphyllum DC. - perennial to 500 mm, flowers pink; 8-3; marshy grasslands, Caledon, Swellendam, Knysna, Uniondale (E Cape to tropical Africa).

pandurifolium Schrank - (= **H. auriculatum** Less.) (kooigoed); erect or spreading shrublet to over 1 m, flowers cream; 9-2; lower to middle slopes, Peninsula to Swellendam, Uniondale.

paniculatum (L.) Thunb. - (sewejaartjie); silvery erect shrublet, 200-600 mm, buds pink, flowers white or pale yellow; 1-12; coastal and lower slopes, Oudtshoorn, Caledon to Port Elizabeth.

patulum (L.) D. Don - (kooigoed); woolly shrub or shrublet, 300-700 mm, flowers pale yellow; 10-2; coastal bush, Paarl, Peninsula to Bredasdorp.

pentzioides Less. - (kerriebos); rigidly branched shrublet, 300-600 mm, flowers pale yellow; 10-12; karroid areas but near streams, Montagu, Swellendam (E Cape).

petiolare Hilliard & B.L. Burtt - (= **H. petiolatum** auct. non DC.) (kooigoed); straggling herbaceous shrub with aromatic whitish leaves, flowers cream; 11-1; shady lower slopes, Mossel Bay to Humansdorp.

pilosellum (L.f.) Less. - tufted perennial, scape to 400 mm, flowers yellow; 8-12; grassland, Uitenhage (E Cape to tropical Africa).

plebium DC. - slender shrublet, 200-300 mm, flowers yellow; 9-12; lower mountain slopes, Swellendam, Riversdale.

pulchellum DC. - perennial to 100 mm, flowers golden-brown; 9; upper mountain slopes, Ceres, Worcester.

recurvatum (L.f.) Thunb. - small robust shrublet, to 200 mm, flowers pink; 10-12; rocky lower slopes, George to Uitenhage.

retortum (L.) Willd. - attractive silvery, spreading shrublet, flowers white often maroon-tipped; 8-1; coastal sand or rocks, Malmesbury, Peninsula to Bredasdorp.

revolutum (Thunb.) Less. - erect or spreading shrublet, 300-500 mm, flowers dull yellow; 7-10; coastal bush or inland mountain slopes, Worcester, Witteberg, Malmesbury, Peninsula (Karoo, Namaqualand).

rosum (Bergius) Less. - (= **H. erosum** Harvey); erect or spreading shrublet, 300-500 mm, flowers white to pink; 9-12, 4-5; dry mountain slopes, Worcester, Witteberg, Montagu, Bredasdorp to Port Elizabeth (Karoo, E Cape, Natal).

rotundatum Harvey - sprawling shrublet, 100-200 mm, flowers yellowish; 10-1; rock ledges at high alt., Worcester, Caledon, Robertson.

rotundifolium (Thunb.) Less. - (= **H. nummularium** Moeser); woolly perennial, 50-100 mm, flowers whitish; 11-5; rocky upper slopes, Ceres to Peninsula, Swartberg Mts., Uniondale.

rugulosum Less. - somewhat sprawling perennial, ca 300 mm, flowers whitish; 6-12; coastal lower slopes, Riversdale to Port Elizabeth (E Cape to E Transvaal).

rutilans (L.) D. Don - twiggy shrublet, to 500 mm, flowers yellow; 8-2; lower slopes, Worcester, Peninsula to Riversdale, Humansdorp (E and N Cape).

scabrum (Thunb.) Less. - branching shrublet, 150-700 mm, flowers dull yellow; 8-12; rocky middle slopes, Gifberg to Ceres, Piketberg (W Karoo, Namaqualand).

sordescens DC. - pubescent shrublet, ca 300 mm, flowers whitish; 12-1; sandhills, Port Elizabeth (E Cape).

sphaeroideum Moeser - straggling shrublet, ca 250 mm, flowers white; 12; damp ravines on upper mountain slopes, Paarl, Worcester.

spiralepis Hilliard & B.L. Burtt - (= **Leontonyx squarrosus** DC.) (everlasting); woolly perennial, to 300 mm, flowers cream to red; 9-1; rocky or grassy slopes, Peninsula to Port Elizabeth (E Cape to tropical Africa).

splendidum (Thunb.) Less. - (geelsewejaartjie); erect or sprawling woolly shrub, to 900 mm, flowers bright yellow; 1-2; dry upper slopes, Swartberg Mts., Oudtshoorn (E Cape to Transvaal).

stellatum (L.) Less. - erect or spreading shrublet, 200-400 mm, buds pink, flowers white or pink; 9-11; sandy or rocky flats and lower slopes, Clanwilliam to Malmesbury, Caledon, Swellendam (S Namaqualand).

stoloniferum (L.f.) Willd. - (resembles **H. lancifolium** Thunb.); spreading silvery shrublet, to 600 mm, flowers white or pink; 8-1; upper mountain slopes, Clanwilliam to Worcester, Tulbagh, Paarl.

striatum Thunb. - somewhat woody shrublet, 200-600 mm, flowers white; 8-4; grassland, Humansdorp to Port Elizabeth (E Cape).

subglomeratum Less. - silvery perennial, 300-600 mm, flowers yellow; 7-10; grassland, Uitenhage, Port Elizabeth (E Cape to tropical Africa, Namibia).

tenuiculum DC. - (resembles **H. cymosum** (L.) D. Don); slender perennial with tangled stems, to 600 mm, flowers yellow; 11-2; damp upper slopes, Paarl, Peninsula? (E Cape to Natal, OFS).

teretifolium (L.) D. Don - much-branched ericoid shrublet, to 300 mm, flowers cream or rosy; 7-12; sand dunes or coastal slopes, Paarl, Peninsula to Port Elizabeth (E Cape to Natal).

tinctum (Thunb.) Hilliard & B.L. Burtt - (= **Leontonyx glomeratus** (L.) DC.); erect or prostrate woolly perennial, 100-300 mm, flowers creamy-yellow; 9-1; flats and slopes, Witteberg, Piketberg, Peninsula to Port Elizabeth.

tricostatum (Thunb.) Less. - grey-leafed shrublet, 300-600 mm, flowers golden-yellow; 8-12; clay or sandy flats and slopes, Clanwilliam, Malmesbury (Namaqualand).

vestitum (L.) Schrank - (Cape everlasting, strooiblommetjie, tontelboom); robust woolly herbaceous shrub, to 1 m, flowers large, white; 11-1; flats to middle slopes, Paarl, Peninsula to Riversdale, Swartberg Mts., George, Knysna.

zeyheri Less. - (vaalbergkaroo); much-branched silvery shrublet, to 600 mm, flowers small, white; 5,12; middle to upper slopes, Clanwilliam, Witteberg, Ladismith to Uniondale, Humansdorp (E Cape to OFS, Namibia).

zwartbergense Bolus - woolly mat-like perennial, 50-100 mm, flowers yellowish; 11-2; upper mountain slopes, Ceres, Worcester, Swartberg Mts.

HELIPTERUM ca 90 sp - southern Africa and Australia
(several species of **Helichrysum** to be tranferred here at a later date)

affine B. Nordenstam - (geelsewejaartjie); woolly sparsely branched shrublet, to 900 mm, flowers straw or dull red; 7-12; rocky slopes, Clanwilliam, Piketberg, Ceres.

argyropsis DC. - (witsewejaartjie); silvery, branched shrublet, 300-700 mm, flowers white; 9-12; rocky coastal hills, Caledon to Riversdale.

canescens (L.) DC. - (rooisewejaartjie); erect or straggling shrublet, 100-500 mm, flowers pink to red; 1-9; flats to upper slopes, Gifberg, Clanwilliam to Peninsula, Worcester to Humansdorp.

dregeanum DC. - (rooisewejaartjie); branched shrublet, 300-600 mm, flowers crimson; 9-1; dry, rocky slopes, Cedarberg to Worcester, Witteberg, Montagu.

eximium (L.) DC. - (strawberry everlasting); robust shrublet, to over 300 mm, flowers bright red; 11-3; south-facing mountain slopes, Caledon to Uitenhage.

ferrugineum (Lam.) DC. - shrublet, 200-400 mm, flowers yellow; 6-12; dry mountain slopes, Witteberg, Swartberg Mts., Uniondale to Port Elizabeth.

flavum Compton - erect shrublet, to 200 mm, flowers yellow, occ. rosy; 1-3; rocky dry slopes, Cedarberg to Worcester, Witteberg, Ladismith.

gnaphaloides (L.) DC. - (vlakteebossie); erect woolly branched shrublet, 200-300 mm, flowers reddish-brown and cream; 10-12; sandy flats or slopes, Ceres, Worcester to Peninsula, Caledon to Riversdale.

loganianum Compton - sprawling shrublet, 100-250 mm, flowers white with brown edges; 9-1; dry rocky upper slopes, Ceres, Witteberg, Worcester to Oudtshoorn.

marlothii Schltr. - dwarf woolly shrublet, 100-350 mm, flowers white; 1-4; upper south-facing slopes in rock crevices, Clanwilliam to Worcester, Tulbagh, Paarl, Caledon.

milleflorum (L.f.) Druce - (= **H. phlomoides** DC.) (sewejaartjie); robust herbaceous shrub, to 2 m, flowers white to pale pink; 7-12; dry north-facing sandstone slopes, Ladismith to Humansdorp, Riversdale, Uitenhage (E Cape).

montanum B. Nordenstam - woolly shrublet, 100-300 mm, flowers white with chocolate edges; 9-4; south-facing rocky upper slopes, Swartberg Mts.

scariosum B. Nordenstam ined. - shrublet, 100-300 mm, flowers yellow; 12-3; dry upper mountain slopes, Oudtshoorn, Uniondale.

speciosissimum (L.) DC. - (Cape everlasting); sprawling shrublet, 200-500 mm, flowers white; 7-1; mountain slopes, Paarl, Peninsula, Caledon to Swellendam.

variegatum (Bergius) DC. - (bontsewejaartjie); erect shrublet, 200-600 mm, flowers large, white and brown; 7-12; flats to mountain peaks, Clanwilliam to Worcester, Montagu, Paarl, Malmesbury, Peninsula to Bredasdorp.
virgatum (Bergius) DC. - (sewejaartjie); erect branched shrublet, 350-400 mm, flowers pale yellow; 11-1; rocky upper slopes, Ceres to Paarl, Worcester, Witteberg, Robertson, Montagu, Riversdale.
zeyheri Sonder - shrublet to 200 mm, flowers white or pink to purple; 8-10; grassy or rocky flats and slopes, Peninsula, Caledon.

HERTIA ca 12 sp - southern and N Africa

alata (Thunb.) Kuntze - shrublet to 350 mm, flowers yellow; 10-4; Uniondale.
kraussii (Schultz-Bip.) Fourc. - shrublet, 150-450 mm, flowers yellow; 6-7; damp lower slopes, Uniondale to Port Elizabeth (E Cape).

HETEROLEPIS 3 sp - S W and S Cape

aliena (L.f.) Druce - sprawling leafy shrub, 200-600 mm, flowers large, yellow; 9-1; rocky slopes and crevices, Cedarberg to Worcester, Witteberg, Montagu, Paarl to Caledon.
mitis DC. - straggling shrublet, to 200 mm, flowers yellow; 1; rocky hillsides, Uitenhage.
peduncularis DC. - shrublet to 200 mm, flowers yellow; 9-12; rocky slopes, Ceres, Worcester, Caledon, Swellendam.

HETERORHACHIS 1 sp - S W Cape

aculeata (Burm. f.) Roessler - (wildekarmedik, disseldoring); spiny-leafed shrub, 300-600 mm, flowers yellow; 8-9; Clanwilliam to Worcester, Malmesbury.

HIPPIA 7 sp - S W and S Cape

bolusae Hutch. - delicate straggling perennial, ca 100 mm, flowers white; 10-11; damp shady areas, Ceres, Worcester, Caledon.
frutescens (L.) L. - (rankals); straggly shrublet, 300-600 mm, flowers yellow; 8-1; usually near water or marshes, Worcester, Paarl, Caledon, Swartberg Mts., Montagu, Knysna to Humansdorp.
hirsuta DC. - pubescent shrublet, flowers yellow; ?; lower slopes, Caledon, Swellendam (poorly known).
hutchinsonii Merxm. - shrublet to 250 mm, flowers yellow; 1; lower slopes, Swellendam (poorly known).
integrifolia Less. - slender flexuose shrublet, 200-400 mm, flowers yellow; 9-1; mountain streams, Swellendam.
montana Compton - erect sparsely branched shrublet, to 250 mm, flowers yellow; 1-5; damp rock shelters at high alt., Uniondale.
pilosa (Bergius) Druce - slender sprawling shrublet, 100-300 mm, flowers white or yellow; 8-11; mountains in rock shelters, Ceres to Peninsula, Worcester to Bredasdorp, Witteberg.

HIRPICIUM 12 sp - tropical and southern Africa

alienatum (Thunb.) Druce - twiggy shrublet, 200-500 mm, flowers yellow; 8-12; rocky slopes, Nieuwoudtville, Clanwilliam, Swartberg Mts., Mossel Bay to Uitenhage (Karoo, Namaqualand, Namibia).

integrifolium (Thunb.) Less. - twiggy shrublet, 200-400 mm, flowers yellow or orange; 8-10; dry rocky slopes, Worcester to Oudtshoorn, Caledon, Mossel Bay.

IFLOGA ca 14 sp - southern Africa, Canary Is., N Africa to India

ambigua (L.) Druce - (slangaarbossie, naaldebossie); erect or spreading shrublet, to 1 m, flowers straw or cream; 4-12; sandy coastal flats or hills, Malmesbury, Peninsula, Caledon, Worcester, Robertson.
anomala Hilliard - erect annual, 15-150 mm, flowers whitish; 9; roadsides, Caledon to Mossel Bay (Karoo).
decumbens (Thunb.) Schltr. - small twiggy shrublet, to 150 mm, flowers white; 8-3; karroid slopes, Ceres, Worcester, Witteberg, Montagu (Karoo, OFS, Lesotho).
glomerata (Harvey) Schltr. - erect or prostrate annual, 30-200 mm, flowers straw; 8-12; usually disturbed soil, Humansdorp (E Cape to OFS, Namaqualand, Namibia).
pilulifera Schltr. - slender erect shrublet, occ. to 1 m, flowers golden-brown; 7-9; sandy places between shrubs, Clanwilliam, Ceres, Piketberg (W Karoo).
polycnemoides Fenzl. - erect or spreading annual, 40-150 mm, flowers reddish; 8-9; middle slopes, Worcester (Karoo, Namaqualand).
repens (L.) Hilliard & B.L. Burtt - (= **I. reflexa** (L.f.) Schltr.); creeping woody perennial, flowers cream or light brown; 7-10; sandy flats, Malmesbury, Peninsula to Bredasdorp.
thellungiana Hilliard & B.L. Burtt - erect or mat-like dwarf annual, 15-20 mm, flowers straw; 9-10; mountain slopes, Ceres, Malmesbury, Peninsula (Karoo).
verticillata (L.f.) Fenzl - annual, 40-300 mm, flowers golden-brown; 7-10; coastal dunes or sandy flats, Saldanha, Peninsula to Riversdale.

INULA ca 200 sp - Europe, Africa, Asia

***graveolens** Desf. - (Cape khakiweed, kanfer inula); sticky aromatic shrubs, to 1 m, flowers yellow; 3-4; widespread weed in S Africa (introduced from Europe).

KLEINIA ca 50 sp - Africa and Arabia

aizoides DC. - short-stemmed perennial with succulent leaves, 100-400 mm incl. scapes, flowers white, occ. yellow; 1-12; Ladismith to George, Humansdorp.
archeri Compton - stemless perennial with succulent leaves, to 200 mm incl. scapes, flowers white; 4; karroid slopes, Worcester.
articulata Haw. - (worsies); shrublet with swollen jointed stems and fleshy leaves, 300-600 mm, flowers white or yellowish; 4-6; Ladismith, Uitenhage.
citriformis Rowley - cushion-like succulent, 50-100 mm, flowers creamy-yellow; ?; Montagu.
crassulifolia DC. - erect or spreading fleshy perennial, 150-300 mm incl. scapes, flowers white, occ. yellow; 7-9; rocky ledges, Worcester, Witteberg and Swartberg Mts., Montagu, Peninsula? to Riversdale, Uitenhage.
muirii L. Bolus - perennial, to 400 mm incl. scapes, flowers straw; 4; cliffs, Riversdale.
ovoidea Compton - low fleshy-leafed perennial, to 200 mm incl. scapes, flowers white; 12-6; karroid areas, Ladismith.
radicans DC. - (bobbejaantoontjies, vingertjies); trailing fleshy-leafed perennial, scapes 50-100 mm, flowers white; 4-7; karroid flats and hills, Worcester, Oudtshoorn, Uitenhage, Port Elizabeth (E Cape).
repens (L.) Haw. - sprawling fleshy-leafed shrublet, to 200 mm, flowers white; 2-5; rock crevices at low alt., Peninsula to Caledon.

LACHNOSPERMUM 3 sp - S W Cape to Namaqualand

fasciculatum (Thunb.) Baillon - (= **L. ericoides** (Willd.) Less.); straggling ericoid shrublet, to 600 mm, flowers whitish?; 1-3; lower slopes, Hex River Mts., Paarl, Peninsula (Namaqualand).
imbricatum (Bergius) Hilliard - ericoid shrublet, 350-500 mm, flowers whitish, tinged purple; 1-3; coastal limestone flats and slopes, Malmesbury, Peninsula to Bredasdorp.
umbellatum (L.f.) Pill. - (blombossie, rooiblom); ericoid shrublet, 300-450 mm, flowers reddish; 1-2; lower mountain slopes, Peninsula to Caledon.

LAMPROCEPHALUS 1 sp - S W Cape

montanus B. Nordenstam - erect shrublet, 200-500 mm incl. scapes, flowers red; 12-4; stony south-facing upper slopes, Cedarberg, Ceres, Worcester.

LASIOPOGON 8 sp - southern Africa, Mediterranean to India

brachypterus (Harvey) Hilliard - (= **Comptonanthus brachypterus** (O. Hoffm. ex Zahlbr.) B. Nordenstam); dwarf woolly annual, 10-50 mm, flowers whitish; 9-2; rocks at mid to upper alt., Gifberg to Peninsula, Worcester, Caledon.

LASIOSPERMUM 5 sp - S W Cape to Namibia

bipinnatum (Thunb.) Druce - perennial, 300-600 mm, flowers white; 4-11; grassland or disturbed soil, Worcester to Swellendam, Peninsula (introduced?) (E Cape).
erectum (Lam.) Druce - (= **L. pedunculare** Lagasca); tufted or sprawling perennial, to 200 mm, flowers yellow; 8-12; karroid areas, Ceres, Worcester (W Karoo).

LEONTONYX - see **Helichrysum.**

LEUCOPTERA 3 sp - S W Cape to Namaqualand

nodosa (Thunb.) B. Nordenstam - slender shrublet, 200-500 mm, flowers white; 7-9; sandveld, Clanwilliam (Namaqualand).

LEYSERA 4 sp - southern Africa (3), Mediterranean and S W Asia (1)

gnaphalodes (L.) L. - (skilpadteebossie, teringteebossie); silvery shrublet, 200-500 mm, flowers yellow; 9-12; flats and slopes, Cedarberg to Riversdale (Karoo, Namaqualand, Namibia).
longipes Bremer - sparsely branched shrublet, to 200 mm, flowers yellow; 12-1; upper mountain slopes, Tulbagh, Worcester.
tenella DC. - (vaalteebossie); slender branched annual or perennial, to 200 mm, flowers yellow; 1-12; dry areas, Clanwilliam, Ceres, Worcester to Oudtshoorn, Riversdale (Namaqualand, Karoo, Namibia).

LIDBECKIA 2 sp - S W Cape

pectinata Bergius - (ox-eye daisy); erect shrublet, 400-900 mm, flowers white; 9-11; shaded rocky mountain slopes, Clanwilliam, Tulbagh, Piketberg.
quinqueloba (L.f.) Cass. - (= **L. lobata** Thunb.) (haarbossie); trailing shrublet with velvety leaves, 300-600 mm, flowers white; 9-12; shady rocks, Cedarberg Mts.

MAIREA 14 sp - S W and S Cape

burchellii DC. - low tufted perennial, to 100 mm, flowers mauve; 11-4; sandy slopes after fires, Peninsula, Caledon, Ladismith.
coriacea Bolus - stemless perennial with coarse basal leaves, to 100 mm, flowers purple; 11-1; rocky slopes after fires, Caledon.
corymbosa Harvey - erect shrublet to 600 mm, flowers blue; 7-8; lower mountain slopes near streams, Caledon.
crenata (Thunb.) Nees - dwarf perennial, 50-200 mm incl. scapes, flowers purplish, occ. white; 9-3; rock ledges at high alt., Paarl, Peninsula, Caledon.
decumbens Schltr. - sprawling shrublet, flowers pale rose; 11; Paarl.
ecklonis (DC.) Sonder - low shrublet, to 200 mm, flowers yellow or white; 9-10; Clanwilliam, Worcester, Tulbagh.
foliosa Harvey - much-branched shrublet, 50-150 mm, flowers white; 11-2; stony slopes, Peninsula, Caledon.
hirsuta DC. - short-stemmed perennial, 100-300 mm incl. scapes, flowers mauve-pink; 7-12; mountain slopes, Paarl?, Swellendam.
lasiocarpa DC. - slender branched shrublet, 50-250 mm, flowers blue, pink or white; 7-4; upper slopes, Ceres, Worcester, Montagu, Paarl to Caledon.
microcephala (Less.) DC. - erect or sprawling shrublet, to 300 mm, flowers white or mauve; 11-4; mountain slopes, Clanwilliam?, Caledon, Swellendam?.
montana Schltr. - shrublet to 150 mm, flowers mauve; 10; upper slopes, Paarl.
perezioides Nees - tufted perennial with woody base, 80-200 mm, flowers white, occ. mauve; 8-10; mountain slopes, Nieuwoudtville to Worcester, Piketberg.
taxifolia DC. - slender lax perennial, 150-400 mm, flowers blue or mauve; 5-12; damp mountain slopes, Peninsula, Caledon.
sp - (= **Felicia monticola** Compton); low woody shrublet, to 100 mm, flowers blue; 10; upper slopes, Witteberg.

MARASMODES 4 sp - S W Cape

dummeri Bolus ex Hutch. - slender ericoid shrublet, 150-300 mm, flowers yellowish; 5-6; Kraaifontein, Cape Flats.
oligocephalus DC. - much-branched ericoid shrublet, to 300 mm, flowers yellow; 4-6; Malmesbury.
polycephalus DC. - twiggy shrub, to 200 mm, flowers yellow; 4-5; sandy flats, Stellenbosch.
undulata Compton - branched ericoid shrublet, to 250 mm, flowers yellow; 4; gravelly flats, Paarl.

MATRICARIA ca 40 sp - S Africa, N America, Eurasia

africana Bergius - (slangbossie); much-branched annual, 300-600 mm, flowers white with yellow disc; 7-10; Piketberg, Malmesbury, Peninsula.
andreae E. Phillips - velvety tufted perennial, to 100 mm, flowers white with maroon reverse; 12-1; damp rocks at high alt., Worcester.
glabrata DC. - (wild chamomile); erect perennial, to 300 mm, flowers white with yellow disc; 9-10; Piketberg, Malmesbury.
hirta (Thunb.) DC. - diffusely branched usually prostrate annual with hispid leaves, to 500 mm, flowers yellow?; 9-10; wet places, Cape Peninsula.
nigellifolia DC. - (= **Sphaeroclinium nigellifolium** (DC.) Schultz-Bip) (rivierals); straggling annual or perennial, to 600 mm, flowers white or yellow; 10-4; damp areas, Swellendam to Port Elizabeth (E Cape to tropical Africa).
tenella DC. - slender annual, 100-300 mm, flowers white with yellow disc; 6-10; sandy hills and flats, Clanwilliam to Malmesbury (W Karoo, S Namaqualand).

METALASIA ca 50 sp - southern Africa, mainly S W Cape

adunca Less. - shrub to 1 m, flowers white; 8-10; flats and lower slopes, Ceres, Piketberg to Peninsula, Robertson.

agathosmoides Pill. - 300-400 mm, flowers pink or white; ?; mid to upper slopes, Clanwilliam, Ceres, Worcester.

alfredii Pill. - rigid shrublet, to 250 mm, flowers white; ?; upper mountain slopes, Caledon, rare.

aurea D. Don - (geelsteekbossie); rather spiny-leafed shrublet, to 600 mm, flowers dull yellow; 5-10; grassy flats, Humansdorp to Port Elizabeth (E Cape).

barnardii L. Bolus - robust shrub, to 2,5 m, flowers rose-pink or white; ?; upper mountain slopes, Paarl.

bodkinii L. Bolus - low spreading shrub, to 2 m in diam., flowers cream to white; 10-11; upper mountain slopes, Caledon.

bolusii L. Bolus - shrublet to 600 mm, flowers white; 9; sandy flats and lower slopes, Piketberg, Malmesbury, Paarl.

brevifolia (Lam.) Levyns - (blombossie); much-branched shrublet, to 1,2 m, flowers white; 10-2; flats and slopes, Nieuwoudtville to Peninsula, Worcester to Mossel Bay, Port Elizabeth.

cephalotes (Thunb.) Less. - (blombos, rooiblombossie); variable shrub, 0,3-1 m, flowers pink or white; 8-3; flats and mountains, Worcester, Swartberg Mts., Paarl, Peninsula to Bredasdorp.

confusa Pill. - spreading shrublet, to 400 mm, flowers pink with white; 11; lower to middle slopes, Caledon.

cymbifolia Harvey - shrublet, 300-500 mm, flowers pink; 6-11; lower slopes, Caledon, Bredasdorp.

erectifolia Pill. - shrublet, 300-500 mm, flowers white; 9; limestone hills, Bredasdorp, Riversdale.

galpinii L. Bolus - rigid shrub, to 1,5 m, flowers white; 6-10; lower slopes, Swellendam to Mossel Bay, Ladismith.

gnaphalodes (Thunb.) Druce - shrub to 1,5 m, flowers pink fading white; 5; slopes and flats, Witteberg, Swartberg Mts., Bredasdorp to Port Elizabeth (E Cape).

incurva Pill. - dense shrublet, to 250 mm, flowers pink; ?; upper mountain slopes, Worcester.

intermedia DC. - spreading shrublet, to 350 mm, flowers pink, occ. white; ?; middle to upper slopes, Ceres, Piketberg, Caledon, Bredasdorp.

juniperoides Pill. - spreading shrublet, to 300 mm, flowers whitish; ?; lower mountain slopes, Clanwilliam.

langebergensis T.M. Salter - rigid shrublet, to 600 mm, flowers white to pink; 7; mountains, Swartberg Mts. to Uniondale, Willowmore, Riversdale, Mossel Bay.

lichtensteinii Less. - robust shrub, to 1,5 m, flowers white; ?; lower slopes, Caledon.

muricata (L.) D. Don - (blombos, witsteekbossie); variable grey-green shrub, 1-2 m, flowers white; 4-9; widespread in S W and S Cape (E Cape to Transvaal, Lesotho).

octoflora DC. - wiry shrub, to 800 mm, flowers yellowish-brown; 3-6; flats, Tulbagh, Malmesbury.

pallida Bolus - rigid shrub, to 1,5 m, flowers white; 9-12; upper mountain slopes, Swartberg Mts., Ladismith to Uniondale.

phillipsii L. Bolus - shrublet to 350 mm, flowers pink or white; 11; upper mountain slopes, Worcester.

pulcherrima Less. - shrub to over 1 m, flowers bright yellow or white; 5, 11-12; middle slopes, Swellendam, Witteberg and Outeniqua Mts., Uitenhage.

quinqueflora DC. - shrublet to 200 mm, flowers white, occ. pink; ?; coastal flats and lower slopes, Caledon.
rhoderoides T.M. Salter - spreading shrublet with reddish branchlets, to 400 mm, flowers white; 12-4; upper mountain slopes, Paarl, Caledon.
riparia T.M. Salter - rigid shrub to over 2,5 m, flowers white; 11-2; streambanks, Caledon.
schlechteri L. Bolus - rigid shrublet, to 300 mm, flowers white; Paarl, rare.
seriphiifolia DC. - slender or robust shrublet, to 400 mm, flowers pink; 8-11; lower mountain slopes, Gifberg to Malmesbury, Caledon, Bredasdorp.
strictifolia Bolus - dense rigid shrublet, to 500 mm, flowers white and reddish-brown; 12; mountain summits, Swartberg Mts.?, Uniondale.
tenuifolia DC. - slender shrublet, to 300 mm, flowers pale pink or white; 8; sandy lower slopes, Caledon.
tricolor Pill. - much-branched shrublet, to 500 mm, flowers mixed white and red; ?; Rooiberg in Little Karoo, rare.

MICROGLOSSA ca 60 sp - Africa, Madagascar, Mascarene Is.

mespilifolia (Less.) Robinson - semi-climbing shrub, flowers dull white; 1-12; coastal bush, Clanwilliam?, Stellenbosch?, Uitenhage (E Cape to Natal).

MIKANIA ca 400 sp - mainly America, 2 in S Africa

cordata (Burm. f.) Robinson - (= **M. capensis** DC.); vine, flowers white; 7-9; forest and bush, Knysna to Port Elizabeth (E Cape to tropical Africa and Asia).

MINUROTHAMNUS 1 sp - S W Cape

phagnaloides DC. - slender shrublet, flowers yellow; ?; Caledon (poorly known).

NIDORELLA 13 sp - S W Cape to tropical Africa, Madagascar?

foetida (L.) DC. - woody perennial, 300-600 mm, flowers yellow; 1-12; marshy areas, Clanwilliam to Peninsula, Caledon to Bredasdorp, Uitenhage.
resedifolia DC. - stout annual, 600-900 mm, flowers yellow; 9-5; roadsides and grassland, Caledon, Swellendam (E Cape?).
undulata (Thunb.) Sonder ex Harvey - perennial, 300-900 mm, flowers yellow; 10-1; damp grassland, Riversdale, Uitenhage, Port Elizabeth (E Cape to tropical Africa).

OEDERA 6 sp - mainly S W to E Cape
(= **Eroeda**)

capensis (L.) Druce - spreading shrublet, 100-300 mm, flowers orange or yellow; 6-10; arid flats or slopes, Robertson to Ladismith, Peninsula to Riversdale.
hirta Thunb. - low shrub, to 300 mm, flowers yellow; 9-12; upper slopes, Ceres, Tulbagh, Piketberg, Paarl.
imbricata Lam. - stiff shrub, 200-300 mm, flowers yellow or orange; 8-11; mountains, Malmesbury, Peninsula to Bredasdorp, Ladismith, George (E Cape).

OLDENBURGIA 4 sp - S W Cape to E Cape

grandis (Thunb.) Baillon - (= **O. arbuscula** DC.) (rabbit's ears, kreupelboom, bastersuikerbos); stout shrub or small tree with large leaves, 2-5 m, flower-heads large, flowers cream and purple; 9-1; rocky ridges, Uitenhage (E Cape).

intermedia Bond ined. - cushion-forming shrublet, to 300 mm incl. scapes, flower-heads cream; 2-5; rock crevices at mid to upper alt., Witzenberg, Hex River Mts., Hottentots Holland, Simonsberg,
papionum DC. - large-leafed short-stemmed shrub, to 600 mm incl. scapes, flower-heads cream; 3-4; lower to middle slopes in rock crevices, Tulbagh, Worcester.
paradoxa Less. - cushion-forming shrublet with sessile flower-heads; 1-7; rock crevices at high alt., Caledon to Uniondale.

OLIGOTHRIX 1 sp - Cedarberg Mts.

gracilis DC. - slender annual, 100-250 mm, flowers yellow or white; 12-1; upper mountain slopes in sand or clay, Cedarberg.

OREOLEYSERA 1 sp - S W Cape

montana (Bolus) Bremer - (= **Leysera montana** Bolus); dwarf shrublet, flowers yellow; 11-1; rock crevices at high alt., Worcester, Paarl, Stellenbosch.

OSMITOPSIS 9 sp - S W Cape

afra (L.) Bremer - (belskruie); sparsely branched shrublet, 100-400 mm, flowers white; 11-4, 7; mountain slopes, Worcester, Stellenbosch, Paarl, Caledon.
asteriscoides (Bergius) Less. - (belskruie, mountain daisy); slender aromatic shrub, 0,5-2 m, flowers white; 1-12; marshy slopes, Paarl, Peninsula to Caledon.
dentata (Thunb.) Bremer - (basterbelskruie); sparsely branched shrublet, 150-500 mm, flowers white; 10-2, 7; damp rocky slopes, Cape Peninsula.
glabra Bremer - branched shrublet, 80-250 mm, flowers white; 11-1; south-facing lower slopes, Caledon.
nana Schltr. - dwarf shrublet, 30-150 mm, flowers white; 10-2; rock crevices at upper alt., Tulbagh, Stellenbosch, Caledon.
osmitoides (Less.) Bremer - (basterbelskruie); branched shrublet, 150-600 mm, flowers white; 8-1; moist slopes or forest margins, Caledon to Knysna.
parvifolia (DC.) Hofmeyer - branched shrublet, 100-400 mm, flowers white; 9-2; stony mountain slopes and rock crevices, Caledon.
pinnatifida (DC.) Bremer - erect or spreading shrublet, 300-500 mm, flowers white; 8-2; moist rocky slopes and crevices at mid to upper alt., Paarl, Stellenbosch.
tenuis Bremer - slender spreading shrublet, 100-500 mm, flowers white; 8-2; moist rocky upper mountain slopes, Paarl, Worcester.

OSTEOSPERMUM ca 70 sp - mainly Africa, Middle East (2), St. Helena (1)

acanthospermum (DC.) Norlindh - tufted spreading annual, to 300 mm, flowers yellow; 9; dry lower slopes, Clanwilliam, Worcester (N Cape, Namaqualand).
aciphyllum DC. - much-branched spreading shrublet, 200-500 mm, flowers yellow; 9-12; stony lower slopes, Piketberg, Caledon.
acutifolium (Hutch.) Norlindh - (= **O. pulchrum** Norlindh); suberect or sprawling shrublet, 200-500 mm, flowers white with purple centre and reverse; 8-11; mountain slopes, Clanwilliam to Paarl, Worcester, Caledon.
asperulum (DC.) Norlindh - erect shrublet, to 1 m, flowers yellow, often copper on reverse; 12-5; summits, Swartberg Mts.
bidens Thunb. - perennial, 300-600 mm, flowers yellow; 9-12; flats to middle slopes, Gifberg, Clanwilliam, Worcester (Namaqualand).
bolusii (Compton) Norlindh - broom-like perennial, 500-800 mm, flowers yellow; 4-8; upper slopes, Witteberg and Swartberg Mts., Riversdale to George.

breviradiatum Norlindh - (lemoenbossie); annual, 200-500 mm, flowers yellow; 8-9; stony hills, Clanwilliam (W Karoo, Namaqualand, Namibia).

calendulaceum L.f. - (boegoebossie); suberect or prostrate annual, 300-500 mm, flowers yellow; 6-12; hills and flats, Worcester, Oudtshoorn, Bredasdorp, Port Elizabeth (Karoo, E Cape to Transvaal).

ciliatum Bergius - much-branched spreading shrublet, 200-500 mm, flowers yellow; 1-12; damp lower slopes, Paarl, Stellenbosch, Peninsula, Caledon.

clandestinum (Less.) Norlindh - erect annual, 200-500 mm, flowers yellow; 7-10; slopes and flats, Gifberg to Worcester, Oudtshoorn, Tulbagh, Peninsula to Swellendam (Namaqualand, Namibia, introduced in Australia).

connatum DC. - (bietou); robust perennial, 0,5-2 m, flowers yellow; 9-11; lower slopes, Gifberg, Clanwilliam, Ceres, Tulbagh.

corymbosum L. - robust perennial, 2-2,5 m, flowers yellow; 8-1; lower slopes, Swellendam, Riversdale, George.

dentatum Burm. f. - erect or straggling perennial, 300-600 mm, flowers yellow; 8-12; flats and lower slopes, Malmesbury, Peninsula to Caledon.

dregei (DC.) Norlindh - (bietou, witmargriet); tufted perennial, woody below, 100-200 mm, flowers white, brown on reverse; mainly 8-9; lower slopes or sand dunes, Gifberg to Ceres, Bredasdorp, Ladismith, Riversdale.

ecklonis (DC.) Norlindh - (jakkalskos, Vanstadens River daisy); soft shrub, to 1 m, flowers white, with violet-blue centre and reverse; 4-10; lower rocky slopes and flats, Humansdorp, Uitenhage (widely cultivated).

elsieae Norlindh - sprawling tangled shrublet, flowers yellow; 9; rocky southern slopes near streams, Bredasdorp.

fruticosum (L.) Norlindh - (rankmargriet); spreading to prostrate perennial, flowers white or mauve with lilac centre; 6-10; coastal areas, Malmesbury, Caledon to Port Elizabeth (E Cape to Natal).

glabrum N.E. Br. - erect branched shrub, to 700 mm, flowers yellow or orange with dark reverse; 7-8; flats and hills, Riversdale, George, Humansdorp.

grandidentatum DC. - sprawling perennial, 0,3-1 m, flowers yellow; 7-2?; grassland, Humansdorp to Port Elizabeth (E Cape to Natal).

grandiflorum DC. - erect branched shrub, 500-900 mm, flowers orange or yellow; 7-11; flats and rocky lower slopes, Clanwilliam to Malmesbury (Namaqualand).

hafstroemii Norlindh - low shrub, to 200 mm, flowers yellow; ?; seashore, Bredasdorp.

herbaceum L.f. - lax perennial, 1-2 m, flowers yellow; 4; forest margins, Knysna, Humansdorp, Uitenhage (E Cape to Natal).

hispidum Harvey - straggling much-branched shrub, to 300 mm, flowers yellow; 7-1; rocky lower slopes, Caledon.

imbricatum L. - erect shrub or shrublet, 0,5-2 m, flowers yellow; 9-5; widespread, Malmesbury to Port Elizabeth (E Cape to Mozambique).

junceum Bergius - tall herbaceous shrub, 1-3 m, flowers yellow; 7-1; mountain slopes, Tulbagh, Paarl to Oudtshoorn, Caledon to Port Elizabeth (E Cape).

microcarpum (Harvey) Norlindh - (boegoebossie); stout annual, 0,5-1 m, flowers yellow; 5-9; sandy flats to middle slopes, Clanwilliam (Namaqualand to Namibia).

oppositifolium (Aiton) Norlindh - (= **O. glabratum** (Thunb.) Less.); erect shrub, 0,5-1 m, flowers yellow or orange; 7-10; sandy or karroid flats, Nieuwoudtville to Clanwilliam (Namaqualand, W Karoo).

pinnatum (Thunb.) Norlindh - (jakkalsbossie); sprawling fine-leafed annual, flowers orange, yellow or white, dark on reverse; 9-10; dry sandy hills, Clanwilliam, Malmesbury (Karoo, Namaqualand, Namibia).

polygaloides L. - erect shrub, 200-900 mm, flowers yellow; 8-4; coastal flats to upper slopes, Clanwilliam to Peninsula, Caledon, Riversdale, Swartberg Mts.
pterigoideum Klatt - much-branched straggling shrublet, to 300 mm, flowers yellow; 11-3; coastal or lower slopes, George, Humansdorp.
pyrifolium Norlindh - erect or spreading perennial, 100-300 mm, flowers yellow; 10; Garcias Pass, Riversdale.
rigidum Aiton - much-branched shrublet, 300-600 mm, flowers yellow; 9-2; rocky slopes or near water, Clanwilliam to Malmesbury, Worcester (Karoo, S Namaqualand).
rotundifolium (DC.) Norlindh - leafy shrub, 1-2 m, flowers yellow; 10-12; coastal slopes, Stellenbosch, Caledon, Bredasdorp.
scariosum DC. - (bietou); perennial with woody base, 100-400 mm, flowers yellow or cream; 7-12; dry stony hills, Ceres, Ladismith, Oudtshoorn, Caledon (dry parts of S and tropical Africa).
sinuatum (DC.) Norlindh - (bietou); erect shrublet, 200-500 mm, flowers yellow; 7-1; dry flats and slopes, Nieuwoudtville to Worcester, Montagu to Uniondale (Namaqualand, Karoo, Namibia).
spathulatum (DC.) Norlindh - perennial with woody base, 200-500 mm, flowers yellow; 7-10; karroid areas, Uitenhage, Port Elizabeth (E Cape).
spinosum L. - much-branched spiny shrub, 0,3-1 m, flowers yellow; 1-12; lower mountain slopes, Worcester to Montagu, Paarl, Peninsula to Swellendam.
subulatum DC. - leafy prostrate perennial, flowers yellow; 8-4; limestone hills, Bredasdorp.
tomentosum (L.f.) Norlindh - dwarf shrublet, scapes 100-200 mm, flowers yellow; 9-4; lower or middle slopes, Tulbagh, Paarl, Caledon to Mossel Bay.
triquetrum L.f. - trailing herbaceous shrublet, to 200 mm, flowers yellow; 11; mountain ravines, Riversdale to George.
wallianum Norlindh - shrub or shrublet, to 300 mm, flowers large, white with purple reverse; ?; local around Gordons Bay.

OTHONNA ca 145 sp - S W Cape to Natal, Namibia

alba Compton - tuberous succulent shrublet, to 300 mm, flowers white; 3-1; sandy upper mountain slopes, Cedarberg, Ceres, Witteberg, Montagu, Ladismith.
amplexifolia DC. - sprawling perennial, 200-400 mm, flowers yellow; 5-9; shade among rocks, Clanwilliam to Worcester, Piketberg, Montagu (Namibia).
arborescens L. - low semi-succulent shrub, 200-600 mm, flowers yellow; 4-9; coastal dunes or rocks, Malmesbury, Peninsula to Humansdorp.
arbuscula (Thunb.) Schultz-Bip. - (traap); densely branched often leafless shrub, 1-2 m, flowers yellow; 12-3; dry rocky slopes, Clanwilliam, Ceres (Namaqualand).
auriculifolia Lichtenst. ex Less. - (veld marigold); tuberous acaulescent perennial, to 100 mm, flowers yellow; 4-8; karroid areas, Clanwilliam, Witteberg, Worcester to Ladismith, Swellendam (Karoo).
bulbosa L. - tuberous tufted perennial, scapes 100-300 mm, flowers yellow; 6-10; sandy slopes and flats, Ceres, Piketberg to Peninsula, Bredasdorp.
cacalioides L.f. - (incl. **O. minima** Compton); small perennial with stem tubers, scapes 20-80 mm, flowers yellow; 7-10; Gifberg, Nieuwoudtville plateau.
capensis L.H. Bailey - slender perennial, to 150 mm, flowers white or yellow; 5-8; dry rocky flats, Ladismith, George, Uitenhage (E Cape).
carnosa Less. - branching shrublet, to 600 mm, flowers yellow; 4-6; coastal areas, Humansdorp, Uitenhage (E Cape to Natal).
ciliata L.f. - sprawling perennial, scapes to 300 mm, flowers yellow; 7-10; sandy flats and lower slopes, Ceres to Peninsula.

coronopifolia L. - shrub, 1-2 m, flowers yellow; 5-12; sand dunes or sandy areas, Clanwilliam to Peninsula.
cuneata DC. - tuberous perennial, 100-250 mm, flowers yellow; 6-1; damp flats, Clanwilliam (S Namaqualand).
cylindrica (Lam.) DC. - loosely branched shrub, 0,3-1 m, flowers yellow or orange; 5-9; sand and gravel among rocks, Clanwilliam to Malmesbury, Ladismith (Namaqualand, W Karoo).
dentata L. - low succulent shrub, scapes 200-700 mm, flowers yellow; 5-12; among rocks, Peninsula to Caledon.
digitata L. - low tuberous perennial, flowers mauve to purple; 5-10; sandy soil, Piketberg, Stellenbosch, Peninsula, Bredasdorp.
filicaulis Jacq. - straggling perennial, to 700 mm, flowers white or yellow; 6-8; sandy flats and slopes, Clanwilliam to Peninsula, Worcester (S Namaqualand).
floribunda Schltr. - fleshy-leafed branched shrublet, 400-600 mm, flowers orange-yellow; 7-9; Clanwilliam, Malmesbury (Namaqualand).
gymnodiscus DC. - tuberous perennial with fleshy leaves, to 200 mm, flowers yellow; 8; Ceres, Worcester, Langeberg Mts. to Riversdale (Karoo).
hederifolia B. Nordenstam - tuberous perennial, scapes 30-170 mm, flowers yellow; 7-10; granitic sand, Nieuwoudtville plateau.
heterophylla L.f. - tuberous more or less prostrate perennial, scapes 150-300 mm, flowers yellow; 5-9; wet sand, Worcester, Peninsula to Swellendam.
humilis Schltr. - dwarf shrublet, 50-80 mm, flowers yellow; 9-10; stony shale band at high alt., Cedarberg Mts.
leptodactyla Harvey - straggling branched shrub, to 400 mm, flowers yellow; 8-9, 1; damp places, Clanwilliam, Piketberg (Namaqualand).
lobata Schltr. - branched erect shrublet, to 200 mm, flowers yellow; 7-10; rocky middle slopes, Cedarberg, Piketberg, Witteberg (Namaqualand, Karoo).
macrosperma DC. - fleshy shrublet, flowers yellow; ?; Clanwilliam (poorly known).
membranifolia DC. - herbaceous shrub, to 300 mm, flowers yellow; 5; riverine bush, Humansdorp, Uitenhage.
mucronata Harvey - branched shrub, 200-400 mm, flowers yellow; 8-9; granite rocks, Clanwilliam, Malmesbury.
multicaulis Harvey - tufted perennial, scapes to 300 mm, flowers yellow; 11-8; stony mountain slopes, Gifberg to Worcester, Witteberg, Ladismith, Caledon.
obtusiloba Harvey - branched shrublet, to 200 mm, flowers yellow; 6-7; rocky slopes, Clanwilliam.
oleracea Compton - tuberous perennial, scapes 100-300 mm, flowers yellow; 8-9; quartzite rocks, Clanwilliam (Karoo).
osteospermoides DC. - (= **O. barkerae** Compton); stout erect shrub, to 1 m, flowers yellow; 7-8; Ladismith.
parviflora Bergius - (= **O. amplexicaulis** Thunb., **O. rigens** (L.) Levyns) (bobbejaankool); handsome shrub to 2 m, flowers yellow; 4-10; damp slopes, Clanwilliam to Worcester, Piketberg, Peninsula to Humansdorp.
petiolaris DC. - tuberous perennial with large basal leaves, scapes 300-600 mm, flowers yellow; 6-8; sandstone slopes, Gifberg to Clanwilliam.
pinnata L.f. - tuberous perennial, scapes 200-300 mm, flowers yellow; 6-9; sandy flats and hills, Piketberg to Peninsula, Worcester.
protecta Dinter - succulent-stemmed perennial, 50-200 mm, flowers yellow; 5-10; karroid slopes under bushes, Ceres, Worcester, Witteberg (W Karoo, Namibia).
pygmaea Compton - dwarf tuberous tufted perennial, scapes to 100 mm, flowers yellow; 3-5; pans in quartzite pavement, Clanwilliam (W Karoo).
quercifolia DC. - succulent-stemmed shrub, 200-400 mm, flowers yellow; 4-8; between rocks, Clanwilliam, Ceres, Piketberg.
quinquedentata Thunb. - variable shrub, 0,6-1 m, flowers yellow; 1-12; damp areas, Worcester to Peninsula, Swartberg Mts., Mossel Bay.

ramulosa DC. - shrub, 1-1,5 m, flowers yellow; 5-9; karroid slopes, Worcester, Witteberg (W Karoo).
rechingeri B. Nordenstam - fleshy-leafed stoloniferous perennial, 100-300 mm, flowers yellow; 7-9; clay flats, Nieuwoudtville plateau.
reticulata DC. - tuberous perennial, scapes to 300 mm, flowers yellow; 7; flats, Clanwilliam.
retrofracta Less. - tuberous deciduous shrublet, to 300 mm, flowers yellow; 5-7; karroid slopes, Worcester.
rufibarbis Harvey - tuberous perennial, scapes to 200 mm, flowers yellow; 5-10; sand dunes, Port Elizabeth.
sonchifolia DC. - tuberous perennial with tufted leaves, scapes 100-300 mm, flowers yellow; 6-9; granite rocks or sand, Malmesbury.
spinescens DC. - shrub to over 1 m, flowers yellow; 7-9; stony slopes, Witteberg.
stenophylla Levyns - tuberous grass-like perennial, 100-400 mm, flowers yellow; 6-9; damp sandy places, Worcester, Stellenbosch, Malmesbury, Peninsula.
tephrosioides Sonder - tuberous perennial, to 250 mm, flowers yellow; 6-7; Piketberg? (Karoo).
umbelliformis DC. - erect shrublet with tuberous rootstock, flowers yellow; ?; Malmesbury? (poorly known).

PEGOLETTIA 12 sp - southern and N Africa, Madagascar

baccharidifolia Less. - woody shrublet, 200-300 mm, flowers yellow; mainly 6-11; dry mountain slopes, Ladismith (E Cape, Karoo, Namibia).
dentata Bolus - low erect woody shrublet, to 200 mm, flowers yellow; mainly 5-8; dry rocky hills, Montagu.
integra (Compton) ? - (= **Iphiona integra** Compton); low branched woody shrublet, to 200 mm, flowers yellow; 12; Ladismith.
retrofracta (Thunb.) Kies - (perdebossie, skerpbossie); much-branched shrub, to 300 mm, flowers yellow; 1-12; karroid areas, Clanwilliam, Witteberg, Oudtshoorn, George (Namaqualand, Karoo, E Cape, Namibia).

PENTZIA ca 45 sp - southern and tropical Africa

dentata (L.) Kuntze - (grootskaapkaroo); silvery-leafed branched shrub, 300-600 mm, flowers yellow; 5-1; dry sandy slopes, Clanwilliam, Worcester to Uniondale, Riversdale, Mossel Bay (Karoo, E Cape).
elegans DC. - (fynskaapkaroo); grey-leafed branching shrub, to 300 mm, flowers yellow; 3-8; dry rocky slopes, Witteberg, Montagu, Swartberg Mts.
grandiflora (Thunb.) Hutch. - robust branched annual, 200-450 mm, flowers yellow; 8-11; sandy flats, Clanwilliam, Piketberg (W Karoo, Namaqualand, Namibia).
incana (Thunb.) Kuntze - (skaapkaroo); much-branched shrub, 0,3-1 m, flowers yellow; 1-12; dry habitats, Clanwilliam, Worcester to Uitenhage (dry areas of southern Africa).
intermedia Hutch. - annual to 150 mm, flowers yellow; 8; Clanwilliam (poorly known).
membranacea Hutch. - branched spreading annual, to 150 mm, flowers yellow; 10; karroid areas, Clanwilliam (W Karoo).
pilulifera (L.f.) Fourc. - (beesbossie, stinkkruid); much-branched annual, to 500 mm, flowers yellow; 8-12; dry inland areas or disturbed soil, Cedarberg to Worcester, Piketberg, Oudtshoorn, Swellendam to Port Elizabeth (E Cape, Karoo).
sabulosa (Wolley-Dod) Hutch. - nearly prostrate perennial, to 200 mm, flowers yellow; 9-3; coastal dunes, Malmesbury, Peninsula to Bredasdorp.

sphaerocephala DC. - (karoobossie); erect branched shrublet, flowers yellow; 4-5, 9; grassland, Uitenhage (Karoo, E Cape, OFS, Namibia).
suffruticosa (L.) Hutch. ex Merxm. - (stinkkruidbossie, wurmbossie); much-branched annual, 300-500 mm, flowers yellow; 9-1; sandy flats and slopes, often coastal, Nieuwoudtville to Peninsula, Caledon (W Karoo, Namaqualand, Namibia).

PERDICIUM 2 sp - S W Cape

leiocarpum DC. - acaulescent perennial, scapes 100-150 mm, flowers greenish; 8-9; sandy renosterveld, Clanwilliam.
taraxaci Vahl - acaulescent tufted perennial, scapes to 100 mm, flowers whitish; 8-10; sandy places among stones, Clanwilliam, Ceres, Witteberg, Malmesbury.

PETALACTE 3 sp - S W and S Cape

canescens DC. - sprawling silvery shrublet, flowers purplish-brown; 9-12; rocky summits, Langeberg Mts., Montagu to Swellendam.
coronata (L.) D. Don - (wildesewejaartjie); woolly leafed shrublet, 100-600 mm, flowers cream; 6-11; coastal dunes and sandy slopes, Nieuwoudtville?, Clanwilliam to Peninsula, Bredasdorp.
epaleata Hilliard & B.L. Burtt - sprawling white-woolly shrublet, flowers whitish; 9-11; upper slopes, Swartberg and Langeberg Mts.

PEYROUSEA 1 sp - S W and S Cape mountains

umbellata (L.f.) Fourc. - (belskruie); silver-leafed erect sparsely branched shrub, 600-900 mm, flowers golden-yellow; 1-12; forest margins or fynbos, sea level to middle slopes, Riviersonderend Mts., Ladismith, Montagu to Humansdorp.

PHAENOCOMA 1 sp - S W Cape

prolifera (L.) D. Don - (rooisewejaartjie, everlasting), densely branched granular-leafed shrub, 300-600 mm, flowers shading to red; 9-4; coastal or mountain fynbos, Ceres, Worcester, Ladismith, Peninsula to Bredasdorp.

PHAEOCEPHALUS 1 sp - S W Cape mountains

gnidioides Moore - slender shrub, 1-3 m, flowers yellow; 10-1; mountain fynbos, Witteberg, Montagu, Swartberg Mts.

PHANEROGLOSSA 1 sp - S W Cape mountains

bolusii (Oliver) B. Nordenstam - (= **Senecio bolusii** Oliver); perennial, leafy below, scapes to 400 mm, flowers yellow or white; 10-1; mountain fynbos, Ceres, Worcester.

PHYMASPERMUM 17 sp - S W to E Cape, Karoo, Namaqualand

appressum Bolus - minute-leafed shrub, to 1 m, flowers white to pink; 5-1; upper mountain slopes, Witteberg, Swartberg Mts., Ladismith.
leptophyllum (DC.) Benth. & Hook. ex B.D. Jackson - erect or spreading shrub, 0,3-1 m, flowers white; 5-8; karroid lower mountain slopes, Ladismith, Swellendam.

PLATYCARPHA 3 sp - E Cape to Natal, Karoo, Namibia

glomerata (Thunb.) Less. - acaulescent perennial with prostrate leaves, flowers purple; 9-?; stony or sandy soils, Uitenhage, Port Elizabeth (E Cape to Natal).

PLECOSTACHYS 2 sp - S W Cape to Natal

polifolia (Thunb.) Hilliard & B.L. Burtt - (= **Gnaphalium polifolium** Thunb.); straggling much-branched shrublet, to 1 m, flowers whitish; 10-1; streambanks or sheltered areas, Peninsula to Port Elizabeth (Natal, Swaziland).
serpyllifolia (Bergius) Hilliard & B.L. Burtt - (= **Helichrysum serpyllifolium** (Bergius) Pers. and **H. orbiculare** (Thunb.) Druce) (vaaltee); straggling much-branched shrublet, flowers white or pink; 4-6; coastal flats or damp slopes, Peninsula to Port Elizabeth (E Cape to Natal).

POECILOLEPIS 2 sp - S W to E Cape

ficoidea (DC.) Grau - sprawling fleshy-leafed annual or perennial, flowers white; 11-4; saline marshes, Riversdale, Knysna to Port Elizabeth (E Cape).
maritima (Bolus) Grau - sprawling fleshy-leafed annual or perennial, flowers white; 5-6; saline marshes, Peninsula, Bredasdorp.

POLYARRHENA 4 sp - S W Cape

imbricata (DC.) Grau - dwarf shrub, 150-200 mm, flowers white, pink below; 10-1; rock crevices at high alt., Cedarberg, Tulbagh, Ceres, Worcester.
prostrata Grau - straggling woody perennial, 200-400 mm, flowers white, reddish on reverse; 9-10; mountain fynbos among rocks, Paarl, Worcester.
reflexa (L.) Cass. - (wilde-aster); straggling perennial or shrublet, 0,3-1 m, flowers white, reddish on reverse; 6-9; fynbos on lower slopes, Paarl, Peninsula to Caledon.
stricta Grau - 200-300 mm, flowers white, purplish on reverse; 7-9; coastal or mountain fynbos, Caledon, Bredasdorp.

PRINTZIA 7 sp - S W Cape to Transvaal

aromatica (L.) Less. - low much-branched, silvery-white shrublet, 150-300 mm, flowers pink or white; 11-2; mountain slopes, Clanwilliam, Worcester to Peninsula, Caledon to Knysna (Karoo, E Cape).
polifolia (L.) Hutch. - robust much-branched shrublet, 1-2 m, flowers mauve-blue; 7-11; mountain slopes, Nieuwoudtville to Port Elizabeth (endemic?).

PSEUDOGNAPHALIUM 10 sp - Africa, Asia, America

***luteo-album** (L.) Hilliard & B. L. Burtt - (= **Gnaphalium luteo-album** L.) (cudweed, roerkruid); white-woolly annual, to 500 mm; 1-12; introduced weed of disturbed soil, widespread in southern Africa (worldwide).
undulatum (L.) Hilliard & B. L. Burtt - (= **Gnaphalium undulatum** L.); much-branched annual, to 500 mm, flowers whitish; 11-4; damp grassy or rocky slopes, Clanwilliam, Peninsula to Port Elizabeth (Karoo, E Cape, Transvaal, Europe).

PTERONIA ca 75 sp - mainly southern Africa and Zimbabwe (1 sp), W Australia

adenocarpa Harvey - (boegoebossie); rigid shrub, 300-500 mm, flowers pinkish; 8-12; karroid areas, Worcester, Uniondale (Karoo).
ambrariifolia Schltr. - small rigid shrub, to 250 mm, flowers yellow; 8; middle slopes, mountain fynbos, Clanwilliam.
beckioides DC. - slender twiggy shrub; ?; Swellendam (poorly known).
camphorata (L.) L. - (ghombossie, gombos); shrub with linear leaves, 0,3-1 m, flowers yellow; 8-12; coastal to upper slopes, Clanwilliam to Uniondale (Namaqualand).
centauroides DC. - slender grey-leafed shrub, to 300 mm, flowers yellow; 10-2; granite slopes, Paarl.
ciliata Thunb. - twiggy shrub, 0,3-1 m, flowers yellow; 10-12; quartzite hills, Clanwilliam (Namaqualand, Namibia).
cinerea L.f. - grey-leafed branched shrub, 150-300 mm, flowers yellow; 9-12; rocky mountain slopes, Gifberg, Clanwilliam, Worcester, Witteberg (Karoo, Namaqualand).
conferta Aiton - ericoid shrub, to 300 mm, flowers yellow; 9; upper slopes, Swartberg Mts., Ladismith to Uniondale.
divaricata (Bergius) Less. - shrub, 1-2 m, flowers yellow or whitish; 8-11; sandveld, Gifberg to Malmesbury (Namaqualand, Namibia).
elongata Thunb. - much-branched shrub, to 150 mm, flowers yellow; 8-12; renosterveld, Witteberg, Oudtshoorn, Swellendam to Port Elizabeth (E Cape).
erythrochaeta DC. - (boegoebossie); rigid spreading shrublet, to 600 mm, flowers bright red in fruit; 8-10; George? (Karoo).
fasciculata L.f. - rigid densely leafed shrub, 0,3-1 m, flowers yellow; 10-1; mountain fynbos, Cedarberg, Worcester, Witteberg, Montagu to Uniondale.
flexicaulis L.f. - (gombossie); shrub to 300 mm, flowers yellow, sticky; 11-2; karroid areas, Ceres, Worcester to Oudtshoorn, Mossel Bay (Karoo).
glabrata L.f. - brittle shrub, 150-600 mm, flowers yellow; 7-12; coastal dunes and sandy mountain slopes, Clanwilliam (W Karoo to Namaqualand, Namibia).
hirsuta L.f. - much-branched shrub, 150-250 mm, flowers pink; 11-1; fynbos on slopes and flats, Tulbagh to Peninsula, Caledon, Mossel Bay.
incana (Burm.) DC. - (asbossie, voëlbossie); much-branched grey-leafed shrub, 0,5-1 m, flowers yellow; 8-10; varied habitats, Nieuwoudtville to Worcester, Swartberg Mts., Caledon to Port Elizabeth (Karoo, Namaqualand, E Cape).
membranacea L.f. - shrub, 300-600 mm, flowers pale yellow; 8-2; false macchia, Worcester to Oudtshoorn, Caledon to Port Elizabeth (E Cape, Karoo).
oblanceolata E. Phillips - low succulent-leafed shrub, to 150 mm, flowers white; 8-10; upper mountain slopes, Witteberg, Ladismith (Namaqualand, W Karoo).
onobromoides DC. - (boegoe, sab); aromatic shrub, to 1 m, large heads, flowers yellow; 9; sandy flats, Clanwilliam, Piketberg (Namaqualand, Namibia).
oppositifolia L. - shrub to 200 mm; 12; dry areas, Touws River, Swellendam to Mossel Bay.
ovalifolia DC. - slender shrub, to 300 mm, flowers yellow; 10-1; fynbos, Clanwilliam to Malmesbury, Worcester (Namaqualand).
pallens L.f. - (aasvoëlbossie, witgatbossie); much-branched shrub with white bark, 0,3-1 m, flowers orange and yellow; 9-12; karroid slopes, Witteberg, Oudtshoorn, Mossel Bay (Karoo, N Cape).
paniculata Thunb. - (gombossie); much-branched shrub, 0,3-1 m, flowers golden-yellow; 11-12; karroid slopes, Clanwilliam, Worcester to Oudtshoorn, Swellendam to Port Elizabeth (E Cape, Karoo, Namaqualand, Namibia).
scabra Harvey - shrub to 200 mm, flowers golden; 12; lower slopes, Caledon, Bredasdorp.

staehelinoides DC. - rigid much-branched shrub, to 300 mm, flowers yellow; 5-12; false macchia, Swartberg Mts., Riversdale to Port Elizabeth (Karoo, E Cape).
stricta Aiton - (kaatjiegert); densely leafy erect shrub, 0,3-1,5 m, flowers yellow; 9-11; moist upper slopes, Swartberg and Langeberg Mts., Swellendam to Joubertina.
tenuifolia DC. - slender erect shrublet, to 300 mm, flowers orange; 11-12; coastal fynbos, Caledon, Bredasdorp.
teretifolia (Thunb.) Fourc. - much-branched erect shrub, 300-600 mm, flowers creamy-yellow; 1-7; limestone outcrops or forest margins, Bredasdorp, Knysna to Port Elizabeth (E Cape).
trigona E. Phillips - branched shrub, to 300 mm, flowers creamy-yellow; 11-1; grassland, Uitenhage, Port Elizabeth (E Cape).
uncinata DC. - leafy branched shrub, 300-900 mm, flowers yellow; 12-4; coastal fynbos, Clanwilliam to Peninsula, Bredasdorp.
utilis Hutch. - shrub with prostrate branches, to 300 mm, flowers yellow; 11-12; upper mountain slopes, Clanwilliam, Piketberg.

PTEROTHRIX 4 sp - S Cape, Karoo, Namibia

flaccida Schltr. ex Hutch. - (resembles **Amphiglossa**); slender sprawling shrublet, flowers whitish; 12-1; flats, Worcester (Namaqualand).
perotrichoides Harvey - diffuse rigid shrublet, to 150 mm, flowers white; 11-1; karroid areas, Swellendam? (Karoo).

PULICARIA ca 100 sp - Mediterranean, Africa, Asia

scabra (Thunb.) Druce - (flea-bane); erect pubescent perennial, 300-800 mm, flowers greenish-yellow; 12-5; swampy areas, Nieuwoudtville, Peninsula to Port Elizabeth (E Cape to tropical Africa).

RELHANIA 29 sp - Namaqualand, S W Cape to Natal

biennis (Jacq.) Bremer - annual, occ. biennial, 100-500 mm, flowers yellow; 9-10; sandy soil, Clanwilliam to Malmesbury (Namaqualand).
calycina (L.f.) L'Her. - moderately branched shrub, to 1 m, flowers yellow; 10-2; varied habitats, Cedarberg to Worcester, Swartberg Mts., George to Port Elizabeth (E Cape).
corymbosa (Bolus) Bremer - erect shrublet, new foliage whitish, 200-400 mm, flowers yellow; 10-4; upper mountain slopes, Cedarberg to Worcester, Witteberg (S Karoo).
decussata L'Her. - slender shrublet, to 300 mm, flowers yellow; 9-11; dry upper mountain slopes, Swartberg Mts., Uniondale.
fruticosa (L.) Bremer - silver-leafed branched shrub, to 400 mm, flowers yellow; 9-11; clay or sandy flats in fynbos, Clanwilliam to Peninsula.
garnotii (Less.) Bremer - small branched shrub, to 500 mm, flowers yellow; 7-10; coastal sand or clay, Bredasdorp, Mossel Bay.
genistifolia (L.) L'Her. - (gombossie, peperbossie); branched shrub, 0,4-1 m, flowers golden-yellow; 8-12; lower slopes, Worcester, Peninsula to Port Elizabeth (Karoo, Namaqualand, E Cape).
multipunctata DC. - (perdekaroo); branched shrub, 500-900 mm, flowers yellow; 8-10; rocky middle slopes, Lokenburg to Ceres (W Karoo).
pumila (L.f.) Thunb. - branched annual, 30-250 mm, flowers yellow; 8-10; sandy flats and plateaus, Nieuwoudtville to Worcester, Montagu (Namaqualand).

pungens L'Her. - sparsely branched shrub with spine-tipped leaves, 200-500 mm, flowers yellow; 10-2; varied habitats, Bredasdorp to Port Elizabeth (E Cape to Natal).
relhanioides (Schltr.) Bremer - silver-leafed shrub, 200-500 mm, flowers yellow; 8-10; sand or clay lower slopes, Ceres, Worcester, Montagu, Witteberg (Karoo).
resinifera Bremer - sparsely branched shrub, to 1 m, flowers yellow and sticky; 8-10; karroid lower slopes, Little Karoo.
rotundifolia Less. - moderately branched shrub, 300-600 mm, flowers yellow; 9-11; sandy flats, Malmesbury, Darling.
sedifolia (DC.) Harvey - (bittergombos); much-branched shrublet, to 1 m, flowers yellow; 8-12; fynbos at mid to upper alt., Nieuwoudtville, Cedarberg to Worcester, Witteberg (Namaqualand).
sessiliflora (L.f.) Thunb. - branched annual, 20-250 mm, flowers yellow; 8-12; clay or sand flats, often disturbed ground, Worcester, Peninsula, Port Elizabeth (S Namaqualand, Karoo).
spathulifolia Bremer - moderately branched shrub, to 500 mm, flowers yellow; 9-10; edge of marshes, Caledon.
speciosa (DC.) Harvey - wiry leafy shrub, 0,3-1 m, flowers orange-yellow; 8-11; rocky mountain slopes, Witteberg, Swartberg Mts., Robertson, Humansdorp to Port Elizabeth.
squarrosa (L.) L'Her. - branched shrub, 0,3-1 m, flowers yellow; 8-12; stony sand or clay slopes and flats, widespread, Nieuwoudtville to Port Elizabeth, excluding Peninsula .
steyniae L. Bolus - branched shrub with spine-tipped leaves, to 300 mm, flowers yellow; 7-10; crevices and shallow soil in limestone, Riversdale.
tricephala (DC.) Bremer - moderately branched shrub, to 450 mm, flowers yellow; 9-11; clay or sandy flats and slopes, Ceres, Worcester, Montagu (Karoo).
uniflora (L.f.) Druce - much-branched shrub, 450 mm, flowers yellow; 10-1; stony or clay flats, Caledon to Mossel Bay.
viscosa L'Her. - wiry-stemmed shrub, leaves sticky, to 450 mm, flowers yellow; 9-11; clay or sandy soil, Clanwilliam to Malmesbury, Tulbagh, Worcester.

ROSENIA 4 sp - S Cape, Karoo, Namibia

humilis (Less.) Bremer - (hartebeeskaroo, perdebossie); much-branched low shrub, to 300 mm, flowers yellow; 8-10; clay or sandy flats, Little Karoo (Karoo, OFS, Namibia).

SENECIO ca 2 000 sp - cosmopolitan

abruptus Thunb. - branching annual, 100-350 mm, flowers yellow; 7-11; moist sandy areas, Clanwilliam to Peninsula, Caledon, Worcester (Namaqualand).
albanensis DC. - stout perennial, to 600 mm, flowers yellow; 8-4; grassland, Humansdorp (E Cape to Natal).
albifolius DC. - silvery-leafed tufted perennial, scapes 50-250 mm, flowers yellow with red reverse; 12-1; rock ledges at high alt., Cedarberg.
aloides DC. - fleshy shrub, to 750 mm, flowers yellow; 6-10; coastal sands, Clanwilliam to Peninsula (Namaqualand, Namibia).
amabilis DC. - herbaceous shrub, 0,2-1 m, flowers purple; 2-5; mountain slopes, Ceres, Tulbagh, Swellendam.
angulatus L.f. - (Cape ivy); semi-climber, flowers yellow; 4-5; forest, Uitenhage (E Cape).
angustifolius (Thunb.) Willd. - much-branched subshrub, 300-600 mm, flowers yellow or white; 1-12; dampish areas, Clanwilliam, Ceres, Worcester, Caledon.

aquifoliaceus DC. - leafy shrub or perennial, flowers yellow; ?; Swellendam (poorly known).

arenarius Thunb. - (hongerblom); branching annual, 150-400 mm, flowers purple, occ. yellow; 8-10; sandy flats, Nieuwoudtville to Peninsula, Cedarberg, Bredasdorp (Namaqualand, Karoo, Namibia).

arniciflorus DC. - whitish-leafed sprawling shrublet, 300 mm, flowers yellow; 7-10; coastal sands or slopes, Peninsula, Caledon, Bredasdorp.

bipinnatus (L.f.) Less. - densely leafy herbaceous shrub, 300-600 mm, flowers yellow; 11-3; mountain slopes, Paarl, Stellenbosch, Peninsula.

brachypodus DC. - scrambling shrub, flowers yellow; 4-7; forest margins, Humansdorp to Uitenhage (E Cape to tropical Africa).

burchellii DC. - (Molteno disease plant); branching perennial, to 300 mm, flowers yellow; 1-12; disturbed ground, widespread in W and S W Cape.

cakilefolius DC. - much-branched succulent annual, flowers magenta; 7-10; sandy flats, Clanwilliam (Namaqualand, Namibia).

caroensis DC. - much-branched sturdy annual, to 300 mm, flowers yellow; 7-10; stony ground, Worcester, Witteberg, Ladismith, Peninsula? (W Karoo).

chrysocoma Meerburgh - leafy erect perennial, to 1 m, flowers yellow, occ. white; 11-1; disturbed grassland, Riversdale, Oudtshoorn, Humansdorp to Port Elizabeth (E Cape to Natal).

cinerarioides Schltr. ms. - slender sprawling perennial, to 150 mm, flowers white; 12; rock shelters at high alt., Cedarberg.

cinerascens Aiton - white-leafed shrub, to 2 m, flowers yellow; 7-9; rocky slopes, Clanwilliam (W Karoo, Namaqualand, Namibia).

coleophyllus Turcz. - robust leafy shrub, to 2 m, flower pink or magenta; 9-1; upper mountain slopes, Caledon.

cordifolius L.f. - somewhat tufted perennial, scapes 200-300 mm, flowers yellow; 11-5; moist, sheltered slopes, Paarl, Peninsula to Swellendam.

coronatus (Thunb.) Harvey - (sybossie); tufted perennial from woolly crown, to 500 mm, flowers yellow; 11; grassland, Humansdorp (E Cape to tropical Africa).

corymbiferus DC. - succulent-leafed shrub, to 400 mm, flowers yellow; 7-10; rocky areas, Clanwilliam to Peninsula, Worcester, Robertson (Karoo, Namaqualand, Namibia).

cotyledonis DC. - succulent-leafed shrub, to 600 mm, flowers yellow; 6-9; karroid slopes, Witteberg, Oudtshoorn (Karoo, Namaqualand).

crassiusculus DC. - fleshy-leafed shrublet, to 300 mm, flowers yellow; 5; Uitenhage (E Cape).

crenatus Thunb. - erect shrub, to 1 m, flowers yellow; 10-5; lower fynbos slopes, Swellendam to Port Elizabeth.

crenulatus DC. - erect perennial, to 300 mm, flowers yellow; 4-5; stony grassland, Uitenhage.

crispus Thunb. - perennial with leaves mainly basal, to 400 mm, flowers yellow; 12-3; damp upper mountain slopes, Cape Peninsula.

cymbalariifolius (L.) Less. - erect perennial with leaves mainly basal, 120-400 mm, flowers purple, white or yellow; 8-12; rocky lower to middle slopes, Ceres, Cedarberg to Peninsula, Caledon.

debilis Harvey - slender perennial, to 600 mm, flowers yellow; Worcester?, Uitenhage.

deltoideus Less. - soft-leafed climber with zig-zag branching, flowers orange or yellow; 5-8; forest margins, Swellendam to Port Elizabeth (E Cape to tropical Africa).

diffusus Thunb. - diffuse annual, to 100 mm, flowers yellow; 10,4; among bushes, Ceres, Tulbagh, Caledon.

diodon DC. - slender erect perennial, to 1 m, flowers yellow; 9-11; sandy slopes, Clanwilliam, Tulbagh, Uniondale.
dissidens Fourc. - robust shrub, 1-2 m, flowers yellow; 11-12; lower slopes, Mossel Bay, Uniondale.
dracunculoides DC. - slender erect perennial, flowers yellow; near streams, Uitenhage.
elegans L. - (wild cineraria, strandblommetjie); pubescent erect annual, 0,3-1 m, flowers purple; 7-3; sandy coastal flats and lower slopes, Nieuwoudtville to Port Elizabeth (E Cape, Namaqualand).
eriobasis DC. - tufted perennial with woolly crown, to 600 mm, flowers yellow; 9; Clanwilliam, Piketberg, Tulbagh (Namaqualand).
erosus L.f. - tufted perennial with woolly crown, 300-600 mm, flowers yellow; 8-10; mountain or coastal fynbos, Nieuwoudtville, Ceres to Peninsula, Bredasdorp, Worcester, Swellendam (Namaqualand).
erubescens Aiton - variable erect perennial, 300-600 mm, flowers usually magenta; 7-10; fynbos or grassland, Paarl, Peninsula to Port Elizabeth (E Cape to tropical Africa).
euryopoides DC. - densely leafy erect shrub, to over 1 m, flowers yellow; 11-5; vleis, Uniondale.
expansus Harvey - perennial to 400 mm, flowers yellow; 1; damp slopes, Paarl.
filifolius Harvey - slender erect perennial, to 400 mm, flowers white; 9-1; stony hillsides, Paarl, Caledon.
foeniculoides Harvey - densely leafy shrub, to 400 mm, flowers yellow; 11-3; sand near water, Cape Peninsula.
glastifolius L. - (waterdissel); tall rigid herbaceous shrub, to 1 m, flowers mauve; 8-12; forest margins, Peninsula?, George to Uniondale.
glutinarius DC. - erect annual with sticky leaves, to 250 mm, flowers yellow; 9-10; seashore, Saldanha Bay, Peninsula, Bredasdorp? .
glutinosus Thunb. - erect annual with sticky leaves, 0,3-1 m, flowers yellow; 7-9; Piketberg, Clanwilliam (Namibia).
gramineus Harvey - grass-like perennial, 100-350 mm, flowers yellow; 11-1; grassland, George?, Uitenhage (E Cape to Natal).
grandiflorus Bergius - erect perennial, to 1 m, flowers magenta or white; 10-1; upper mountain slopes, Paarl, Stellenbosch, Peninsula.
halimifolius L. - (tabakbos); much-branched leafy shrub, 0,3-1,5 m, flowers yellow; 11-1; coastal dunes, Lamberts Bay to Peninsula, Caledon.
hastatus L. - sticky perennial branched from rhizome, to 400 mm, flowers yellow; 7-5; Clanwilliam?, Ceres, Peninsula to Port Elizabeth (to Natal, Karoo, OFS).
hastifolius (L.f.) Less. - tuberous-rooted tufted perennial, scapes to 150 mm, flowers purple or white; 9-10; damp mountain slopes, Peninsula to Bredasdorp.
hirtifolius DC. - velvet-leafed herbaceous shrub, 300-600 mm, flowers yellow; 12-4; Uitenhage.
hollandii Compton - woody shrub with leaves white below, to 700 mm, flowers yellow; 9-1; stony upper slopes in arid fynbos, Witteberg, Uniondale (E Cape).
ilicifolius Thunb. - erect leafy herbaceous shrub, 0,4-1 m, flowers yellow; 5-12; flats and slopes, Riversdale to Port Elizabeth, Ladismith (E Cape).
inaequidens DC. - (= S. **burchellii** sensu auct.); bushy perennial, to 1 m, flowers yellow; 10-2; roadsides, Uniondale to Port Elizabeth (widespread in southern Africa, introduced in Europe).
incisus Thunb. - slightly woody perennial, 300-900 mm, flowers yellow; 11-2; shade of rocks, Swellendam.
junceus Harvey - (sjambokbos); leafless succulent-stemmed shrub, 600-900 mm, flowers yellow; 1-4; dry lower slopes, Worcester, Ladismith to Port Elizabeth (Karoo, Namaqualand?).

juniperinus L.f. - branched leafy perennial, to 300 mm, flowers yellow; 9-1; mountain slopes, Witteberg, Ladismith, Oudtshoorn, Caledon to Port Elizabeth (E Cape to S Natal, Namaqualand).

laevigatus Thunb. - slightly woody branched annual, to 300 mm, flowers yellow; 10-5; sand over limestone, Caledon, Bredasdorp, Swellendam (E Cape).

lanceus Aiton - (vleibos, kammiebos); stout perennial, 1-1,5 m, flowers yellow; 12-4; near streams, Cedarberg, Swartberg Mts., Peninsula, Uitenhage, Port Elizabeth (E Cape to Natal).

laxus DC. - slender annual, 200-450 mm, flowers yellow; 7-9; sand, Clanwilliam, Piketberg, Malmesbury? (Namaqualand).

leptophyllus DC. - branched shrublet, 300-600 mm, flowers yellow; 9-10, 1; roadsides, Albertinia, Knysna, Uniondale (E Cape).

lineatus (L.f.) DC. - shrub with leaves grey below, to 600 mm, flowers yellow; 1-6; mountain slopes, Peninsula to Port Elizabeth (E Cape).

littoreus Thunb. - (hongerblom); erect annual, 200-600 mm, flowers yellow; 8-11; sandy, coastal areas, Clanwilliam to Peninsula (Namaqualand).

longifolius L.f. - loosely branched shrub with fleshy leaves, to 1 m, flowers yellow; 1-12; Humansdorp, Uitenhage (E Cape).

lyratus L.f. - (ragwort); tall herbaceous shrub, to 2 m, flowers yellow; 9-5; moist flats or mountain slopes, Clanwilliam to Peninsula, Caledon to Port Elizabeth.

macroglossus DC. - (Cape ivy); herbaceous somewhat succulent vine, flowers pale yellow; 3-7; forest margins, Humansdorp to Port Elizabeth (E Cape to tropical Africa).

***madagascariensis** Poiret - annual to 200 mm, flowers yellow; 1-12; disturbed areas, Uniondale to Port Elizabeth (E Cape to tropical Africa, introduced from Madagascar and Mascarenes).

maritimus L. - fleshy-leafed sprawling annual, 300-450 mm, flowers yellow; 8-12; sand dunes, Malmesbury, Peninsula, Caledon.

matricariifolius DC. - tufted or sprawling annual, 100-200 mm, flowers yellow; 8-10; marshy ground, Bredasdorp, Riversdale.

mikanioides Otto ex Harvey - herbaceous climber with fleshy leaves, flowers yellow; 5; forest margins, Swellendam to Port Elizabeth (E Cape to Natal).

mimetes Hutch. & R.A. Dyer - herbaceous shrub, 0,5-1,2 m, flowers yellow; 12-2; near water, Ceres, Oudtshoorn to Port Elizabeth (E Cape).

mucronatus Willd. - much-branched shrublet, 300-600 mm, flowers yellow; Tulbagh, Paarl, Worcester.

multibracteatus Harvey - annual or perennial, 300-450 mm, flowers mauve; 9-11; near water, George, Knysna, Uitenhage.

muricatus Thunb. - perennial to 600 mm, flowers yellow; 8-10; middle slopes, Gifberg, Clanwilliam, Ladismith.

oederiifolius DC. - (kouterbossie); stiff-branched perennial, 300-600 mm, flowers yellow; 9-11; dampish grassland, Uitenhage, Port Elizabeth.

oliganthus DC. - sparsely branched shrublet with leaves woolly below, to 300 mm, flowers pale yellow; 2-5; fynbos, Paarl, Swartberg Mts., Riversdale, Uitenhage.

othonniflorus DC. - (bietou, melktou); tufted perennial, scapes to 600 mm, flowers yellow; 11-6; grassland, Knysna to Port Elizabeth (E Cape to E Transvaal).

oxyriifolius DC. - fleshy perennial, scapes 0,3-1 m, flowers yellow; 9-1; grassland, Humansdorp to Port Elizabeth (E Cape to tropical Africa).

paarlensis DC. - erect annual, 150-400 mm, flowers yellow, often purple on reverse; 7-12; mountain slopes near water, Clanwilliam, Ceres, Paarl, Caledon.

panduratus Less. - erect perennial, to 600 mm, flowers yellow; 8-9; dry flats, Montagu, Malmesbury, Clanwilliam (Namaqualand, Karoo).

paniculatus Bergius - erect scantily branched herbaceous shrub, flowers white; 10-1; mountain slopes, Clanwilliam to Port Elizabeth (E Cape).

pellucidus DC. - lax shrublet, to 300 mm, flowers yellow; 11-3; shaded slopes, Uitenhage.

petiolaris DC. - perennial with fleshy leaves in basal tufts, scapes 100-400 mm, flowers creamy-yellow; 9-11; shady upper mountain slopes, Cedarberg, Ceres.

pillansii Levyns - erect or sprawling leafy shrublet, to 300 mm, flowers yellow; 11 -2; coastal fynbos, Peninsula, Bredasdorp.

pinifolius (L.) Lam. - low-branched shrublet with terete leaves, 150-400 mm, flowers yellow; 12-6; mountain slopes in fynbos, Clanwilliam to Port Elizabeth (E Cape).

pinnatifidus Less. - erect herbaceous shrub, to 500 mm, flowers yellow; 8-12; mountain slopes, Botterkloof Pass, Clanwilliam to Tulbagh, Piketberg.

pinnulatus Thunb. - erect herbaceous shrublet, 300-700 mm, flowers yellow; 10-3; moist slopes, Tulbagh, Peninsula, Caledon.

***pterophorus** DC. - (perdegifbos); erect shrub, to 1,5 m, flowers yellow; 11-1; disturbed areas, Cape Peninsula (E Cape to S Natal, introduced from Transkei).

pubigerus L. - (geelbossie); erect herbaceous shrub, woody below, to 1 m, flowers yellow; 3-7; disturbed areas, Ceres to Peninsula, Worcester.

purpureus L. - perennial to 1 m, flowers purple; 10-5; moist areas, Montagu, Peninsula to Port Elizabeth (Karoo, E Cape to Natal).

pyramidatus DC. - fleshy-leafed shrub, to 400 mm incl. scapes, flowers yellow; 6-12; karroid bush, Humansdorp to Port Elizabeth (E Cape).

quinquelobus (Thunb.) DC. - semi-succulent climber, flowers orange or yellow; 4-7; forest margins, Swellendam to Port Elizabeth (E Cape to Natal).

quinquenervius Sonder - velvety shrublet, to 300 mm, flowers yellow; 1-2; Uitenhage (E Cape).

rehmannii Bolus - erect perennial, 400-600 mm, flowers yellow; 11-1; near rivers, Hex River, Albertinia.

repandus Thunb. - weak erect or sprawling annual, 100-300 mm, flowers yellow; 7-10; under rocks, Clanwilliam to Peninsula.

retortus Benth. - erect or straggling shrublet, stems with small reflexed leaves, 100-250 mm, flowers yellow; 11-4; middle slopes, Caledon, Robertson.

rhomboideus Harvey - tufted perennial with fleshy leaves, 0,3-1 m, flowers yellow; 11-3; grassland, George, Uniondale (E Cape to E Transvaal).

rigidus L. - (poisonous ragwort); robust rough-leafed shrub, to 1,5 m, flowers yellow; 11-1; flats and slopes, Peninsula, Clanwilliam?, Uitenhage?.

rosmarinifolius L.f. - much-branched shrublet, 300-900 mm, flowers yellow; 11-4; Ladismith, Peninsula to Port Elizabeth (Karoo, E Cape).

ruwenzoriensis S. Moore - tuberous-rooted tufted perennial, scapes to 300 mm, flowers yellow; 12-6; grassland, Swellendam to Port Elizabeth (E Cape to tropical Africa).

scaposus DC. - tufted perennial with fleshy silver leaves, scapes to 200 mm, flowers yellow; 12-1; karroid slopes, Montagu, Port Elizabeth.

serrurioides Turcz. - densely leafed shrublet, 150-300 mm, flowers yellow; 5,10; shady areas, Uitenhage.

skirrhodon DC. - perennial to 300 mm, flowers yellow; 1-12; coastal sand, Humansdorp (E Cape to tropical Africa, Madagascar).

sociorum Bolus - erect shrublet, 300-600 mm, flowers orange or yellow; 4-5; middle slopes, Ceres, Paarl.

sophioides DC. - branched annual, 150-300 mm, flowers purple or yellow; 7-10; middle slopes, Cedarberg to Worcester, Paarl to Swellendam.

speciosus Willd. - erect or sprawling perennial, to 500 mm, flowers magenta; 7-1; damp upper slopes, Tulbagh, Caledon, Worcester?, George to Port Elizabeth (E Cape to tropical Africa).

spiriifolius Thunb. - tufted perennial, scapes to 300 mm, flowers yellow; 7-10; dampish slopes, Nieuwoudtville, Ceres, Tulbagh.

subcanescens (DC.) Compton - erect perennial, to 1 m, flowers yellow; 8-11; marshy slopes and flats, Paarl, Peninsula, Caledon.
subsinuatus DC. - erect, somewhat fleshy perennial, 300-450 mm, flowers yellow; ?; Stellenbosch.
thunbergii Harvey - leafy robust low shrub, 300-600 mm, flowers yellow; 9?; locality not known.
tortuosus DC. - much-branched woody shrublet, 100-300 mm, flowers white; 7-10; rock crevices, Gifberg, Clanwilliam, Worcester.
triqueter Less. - leafy perennial or shrublet, to 300 mm, flowers whitish; 1-5; sandy rocky slopes, Peninsula, Caledon.
umbellatus L. - perennial to 700 mm, flowers magenta, pink, or occ. white; 9-12; flats and slopes, Ceres, Paarl, Witteberg and Swartberg Mts., Peninsula to Uitenhage (endemic?).
verbascifolius Burm. f. - robust woolly perennial, to 600 mm, flowers yellow; 9-12; sheltered upper slopes, Cape Peninsula.
vestitus Bergius - tall herbaceous shrub, 1,5 m, flowers yellow; 9-1; Clanwilliam to Worcester, Piketberg, Montagu, Paarl (Namaqualand).
wittebergensis Compton - small tufted perennial, scapes 100-200 mm, flowers yellow; 10; sandy arid upper slopes, Witteberg.

SONCHUS 50 sp - Eurasia and Africa

***oleraceus** L. - (sowthistle, milk thistle); hollow-stemmed annual, 0,3-1,5 m, flowers yellow; 1-12; widespread weed of disturbed ground (introduced worldwide).

STEIRODISCUS 5 sp - S W Cape and W Karoo
(= **Psilothonna**)

capillaceus Less. - annual, 50-200 mm, flowers yellow; 8-9; sandy flats and plateaus, Nieuwoudtville to Clanwilliam, Piketberg (W Karoo).
gamolepis Bolus ex Schltr. - delicate annual, 50-100 mm, flowers yellow; 8-10; lower slopes, Tulbagh, Ceres.
speciosus (Pill.) B. Nordenstam - (cabaroe); delicate annual, 100-150 mm, flowers orange or yellow; 9-10; sandy flats, Malmesbury.
tagetes (L.) Schltr. - delicate annual, 100-300 mm, flowers yellow; 8-10; sandy flats, Piketberg to Peninsula.

STILPNOGYNE 1 sp - S W Cape, Namaqualand and Karoo

bellidioides DC. - delicate branched annual, 50-200 mm, flowers yellow; 8-10; rock shelters, Cedarberg to Worcester, Robertson, Montagu (Karoo, Namaqualand).

STILPNOPHYTUM 3 sp - S W and S Cape

inopinatum Hutch. - slender shrublet, to 300 mm, flowers yellow; 2,9; Swellendam.
linifolium Less. - slender erect shrub, 1-2 m, flowers yellow; 8-1; mountain slopes, Cedarberg, Ceres, Oudtshoorn, George to Uniondale.
oocephalum DC. - erect shrub, to 500 mm, flowers yellow; 9-1; karroid slopes, Caledon, Swellendam.

STOEBE 34 sp - mainly S W Cape, S tropical Africa, Madagascar, Reunion

aethiopica L. - (knoppiesbos); rigid shrub with needle-like leaves, to 1,6 m, flowers white; mainly 9-11; flats and stony slopes, Nieuwoudtville to Uniondale.

alopecuroides (Lam.) Less. - (katstertbos); robust shrub with pungent leaves, to 1,5 m, flowers white, in dense spikes; 7-12; forest margins, Swartberg Mts., Riversdale to Uitenhage.
bruniades (Reichb.) Levyns - spreading shrublet, 100-400 mm, flowers pinkish; 2-4; mountain slopes, Peninsula to Caledon.
burchellii Levyns - much-branched erect shrub, to 1 m, flowers brownish; 2-6; dry lower slopes, Witteberg, Robertson to Swartberg Mts., Uniondale.
capitata Bergius - erect or spreading shrublet, 300-500 mm, flowers pink or white; 12-3; flats and lower slopes, Ceres, Piketberg to Peninsula, Caledon to Riversdale (E Cape).
cinerea Thunb. - (vaalrenosterbos); much-branched greyish shrub, flowers purplish; 4-5; Paarl, Peninsula, Caledon.
copholepis Schultz-Bip. - erect branched shrublet, 200-300 mm, flowers pinkish; 2-3; flats, Caledon, Bredasdorp.
cyathuloides Schltr. - spreading shrublet, flowers lilac; 10-12; limestone hills, Bredasdorp.
ensorii Compton - spreading shrublet, flowers pinkish; 5-7; dry lower slopes, Uniondale.
fusca Thunb. - much-branched shrublet, to 250 mm, flowers pink or white; 3-5; mountain slopes, Clanwilliam to Paarl, Peninsula to Bredasdorp.
gomphrenoides Bergius - small erect or trailing shrublet, to 300 mm, flowers cream; mainly 11-12; sandy flats, Cape Flats.
humilis Levyns - low shrublet, 100-150 mm, flowers white; 12-2; coastal fynbos, Caledon.
incana Thunb. - grey shrublet, 300-600 mm, flowers brownish; 2-5; Paarl to Peninsula, Caledon.
intricata Levyns - much-branched shrub, to 1 m, flowers purple, yellow when dry; 4-7; Gifberg to Worcester, Robertson, Riversdale, Swartberg Mts. (endemic?).
leucocephala DC. - erect or spreading silvery shrublet, to 150 mm, flowers pink; 10-1; Clanwilliam, Malmesbury (W Karoo, Namaqualand).
microphylla DC. - erect much-branched shrublet, 200-300 mm, flowers silvery-white; 2-6; Oudtshoorn to Mossel Bay, Uniondale, Uitenhage.
montana Schltr. ex Levyns - sprawling shrublet, to 150 mm, flowers white; 1-3; steep upper mountain slopes, Ceres, Worcester.
muirii Levyns - spreading shrub, small grey reflexed leaves, flowers pink; 4; sand dunes, Bredasdorp, Riversdale.
nervigera (DC.) Schultz-Bip. - erect much-branched shrublet, 200-600 mm, flowers cream; 1-7; sand or clay slopes and flats, Nieuwoudtville, Clanwilliam, Worcester, Caledon to Riversdale (S Namaqualand).
phyllostachya (DC.) Schultz-Bip. - erect branched shrublet, 300-500 mm, flowers white; 10-4; mountain slopes, Swellendam to George, Uniondale.
plumosa (L.) Thunb. - (slangbos); grey much-branched shrub with granular leaves, 0,3-1,2 m, flowers purple or brown; mainly 4-6; flats and slopes, Gifberg to Peninsula, Caledon to Port Elizabeth (E Cape, Namibia, Angola).
prostrata L. - prostrate shrublet, flowers pink; 1-2; upper mountain slopes, Paarl, Peninsula, Caledon.
rosea Wolley-Dod - much-branched erect shrub, to 500 mm, flowers pink; 1-3; lower slopes, Peninsula.
rugulosa Harvey - thin-stemmed much-branched shrublet, 100-250 mm, flowers magenta; 2-5; coastal flats, Bredasdorp to Riversdale.
salteri Levyns - slender branched shrublet, 100-200 mm, flowers white; 12-1; Caledon, Bredasdorp.
saxatilis Levyns - intricately branched grey shrublet, 200-600 mm, flowers purple; 3-5; rock ledges at high alt., Cedarberg, Ceres, Worcester.

schultzii Levyns - spreading shrublet, 100-200 mm, flowers white; 10-4; damp coastal areas, Caledon, Bredasdorp, Swellendam.
sphaerocephala Schltr. - erect or spreading shrublet, flowers pink or white; 11-2; coastal fynbos, Peninsula, Caledon, Riversdale.
spiralis Less. - much-branched shrub, 200-500 mm, flowers yellow; 3-5; damp slopes, Ceres, Paarl to Caledon, Riversdale, Mossel Bay, Ladismith.
sp - densely woolly branched shrublet, to 300 mm, flowers purple?; 9-11; upper mountain slopes, Caledon.

TARCHONANTHUS 4 sp - 2 in Africa, 2 in Mexico

camphoratus L. - (camphor bush, kanferbos); grey-leafed shrub or tree, 1-9 m, flowers creamy; 12-4; widespread in S W and S Cape (throughout sub-Saharan Africa except west coast).

THAMINOPHYLLUM 3 sp - S W Cape

latifolium Bond - spreading or erect shrublet, 400-750 mm, flowers pink, occ. white; 8-12; coastal fynbos, Hermanus Mts.
multiflorum Harvey - silvery branched shrublet, 300-600 mm, flowers white; 9-1; damp sand in coastal fynbos, Caledon.
mundtii Harvey - silvery much-branched shrublet, 300-450 mm, flowers white; 7-11; damp slopes in coastal fynbos, Caledon.

TROGLOPHYTON 2 sp - S W Cape, Namaqualand, W Karoo

capillaceum (Thunb.) Hilliard & B.L. Burtt - (= **Helichrysum capillaceum** (Thunb.) Less.); spreading woolly annual, 50-300 mm, flowers white; 8-10; damp lower slopes under shrubs, Peninsula to Swellendam, Worcester (Namaqualand).
parvulum (Harvey) Hilliard & B.L. Burtt - (= **Gnaphalium parvulum** Harvey); woolly-white annual, to 100 mm, flowers white; 9-11; mountain slopes under rocks, Clanwilliam, Worcester to Peninsula (W Karoo).

URSINIA ca 40 sp - mainly southern Africa, 1 in N Africa

abrotanifolia (R. Br.) Sprengel - (fynkruie, lammetjies); perennial, 200-400 mm, flowers yellow; 11-1; middle slopes, Paarl, Stellenbosch, Caledon, Worcester.
anethoides (DC.) N.E. Br. - erect shrublet, 200-500 mm, flowers yellow; 11-4; grassland, Mossel Bay to Port Elizabeth (E Cape).
anthemoides (L.) Poiret - (marigold, bergmargriet); erect annual, 50-500 mm, flowers yellow or orange; 8-10; sandy areas, Nieuwoudtville to Peninsula, Worcester, Montagu, Caledon to Port Elizabeth (Karoo, Namaqualand, Namibia).
cakilefolia DC. - erect or sprawling annual, 60-450 mm, flowers yellow or orange; 7-10; sandy flats and slopes, Nieuwoudtville to Clanwilliam, Piketberg (W Karoo to Namaqualand).
caledonica (E. Phillips) Prassler - shrub, 0,3-1 m, flowers yellow; 2-7; damp high mountain slopes, Paarl, Stellenbosch, Caledon.
chrysanthemoides (Less.) Harvey - erect or spreading annual, 0,15-1 m, flowers yellow, occ. white or red, with dark reverse; 8-11; Nieuwoudtville to Port Elizabeth (Namaqualand, Karoo, E Karoo).
coronopifolia (Less.) N.E. Br. - erect pubescent perennial, 300-500 mm, flowers yellow; 1-3; near streams, Tulbagh.

dentata (L.) Poiret - erect shrublet, 300-600 mm, flowers yellow; 9-2; slopes and flats, Nieuwoudtville, Gifberg, Worcester, Peninsula to Humansdorp.
discolor (Less.) N.E. Br. - twiggy shrublet, 200-400 mm, flowers yellow with dark reverse; 9-1; damp mountain slopes, Ceres to Stellenbosch, Worcester, Witteberg, Peninsula to Humansdorp.
dregeana (DC.) N.E. Br. - mat-like shrublet growing in colonies, 300-600 mm incl. scapes, flowers yellow; 10-12; sand, Nieuwoudtville to Worcester.
eckloniana (Sonder) N.E. Br. - shrub to 1,2 m, flowers yellow; 7-4; moist mountain slopes, Paarl, Caledon.
filipes (E. Meyer) N.E. Br. - sparsely branched shrublet, 200-400 mm, flowers yellow; 10-3; streamsides at high alt., Paarl, Worcester.
heterodonta (DC.) N.E. Br. - erect branched shrublet, 300-500 mm, flowers yellow; 8-12, 4; mountain slopes, Worcester, Witteberg, Swartberg Mts., Robertson, Caledon to Uitenhage.
hispida (DC.) N.E. Br. - slender erect shrublet, 250-350 mm, flowers yellow; 9-12; moist lower slopes, Swellendam, Riversdale.
macropoda (DC.) N.E. Br. - tufted perennial, scapes 200-300 mm, flowers yellow or orange; 11-3; upper mountain slopes, Gifberg to Ceres.
merxmuelleri Prassler - sprawling perennial, flowers yellow; 2-3; upper mountain slopes, Worcester.
nana DC. - spreading annual, 50-400 mm, flowers yellow; 8-10; flats or lower slopes, Clanwilliam to Port Elizabeth (drier parts of southern Africa).
nudicaulis (Thunb.) N.E. Br. - tufted perennial, scapes 100-500 mm, flowers yellow; 9-3; flats and mountains, often marshy ground, Cedarberg, Witteberg, Peninsula and Worcester to Humansdorp (E Cape).
oreogena Schltr. ex Prassler - slender shrublet, 200-500 mm, flowers yellow; 10-12; lower mountain slopes, Ceres, Worcester, Paarl, Caledon.
paleacea (L.) Moench - (= **crithmoides** (Bergius) Poiret) (geelmargriet); herbaceous shrublet, 250-900 mm, flowers yellow; 10-2; damp mountain slopes, Tulbagh, Robertson, Worcester, Peninsula to Humansdorp.
pilifera (Bergius) Poiret - perennial to woody shrublet, 150-350 mm, flowers white or yellow; 7-11; renosterveld, Nieuwoudtville to Worcester, Robertson, Uniondale (S Namaqualand, Karoo).
pinnata (Thunb.) Prassler - slender shrub, 0,5-1,5 m, flowers yellow; 7-5; damp sandy mountain soils, Lokenburg to Peninsula, Caledon, Worcester.
punctata (Thunb.) N.E. Br. - erect or sprawling shrublet, 300-500 mm, flowers yellow; 9-3; mountain slopes, Nieuwoudtville to Worcester, Witteberg, Montagu, Ladismith, Swellendam, Caledon, Humansdorp.
pygmaea DC. - tufted annual, 50-100 mm, flowers orange; 8-10; Swellendam? (Namaqualand).
quinquepartita (DC.) N.E. Br. - erect densely leafy shrublet, 200-400 mm, flowers yellow; 11-4, 8; mountain streams, Stellenbosch to Caledon.
rigidula (DC.) N.E. Br. - erect or sprawling shrublet, 200-500 mm, flowers yellow or orange; 9-12; damp mountain slopes, Ceres, Piketberg, Worcester, Montagu to Riversdale, Bredasdorp, Uniondale.
saxatilis N.E. Br. - (or **U. alpina** N.E. Br.); tufted perennial, scapes 150-200 mm, flowers yellow; 9; rocky slopes, Clanwilliam (W Karoo to Natal and Transvaal).
scariosa (Aiton) Poiret - shrub to 1 m, flowers yellow; 6-2; forest margins, Paarl, Robertson, Swellendam to Port Elizabeth.
sericea (Thunb.) N.E. Br. - silvery, somewhat tufted shrublet, scapes 200-700 mm, flowers yellow; 9-2; upper sandstone slopes, Cedarberg to Worcester, Piketberg, Witteberg, Swartberg Mts.
serrata (L.f.) Poiret - erect shrublet, 300-900 mm, flowers yellow; 8-1; damp slopes, Caledon, Swellendam, George to Humansdorp.

speciosa DC. - annual, 100-400 mm, flowers yellow, orange, occ. white; 8-10; sandy flats, Gifberg, Clanwilliam, Piketberg, Malmesbury (Namaqualand, Namibia).
subflosculosa (DC.) Prassler - erect shrublet, 300-600 mm, flowers yellow; 10-12; sand, Gifberg, Clanwilliam.
tenuifolia (L.) Poiret - tufted or sprawling perennial, scapes 150-300 mm, flowers yellow or orange, occ. with dark reverse; 6-3; damp flats and lower slopes, Peninsula to Riversdale.
trifida (Thunb.) N.E. Br. - erect shrublet, 300-600 mm, flowers yellow; 7-4; mountain slopes, Worcester, Robertson, Swellendam to Knysna.

VELLEREOPHYTON 5-6 sp - Peninsula to E Cape

dealbatum (Thunb.) Hilliard & B.L. Burtt - (= **Gnaphalium candidissimum** Lam.); erect or spreading woolly annual or perennial, to 200 mm, flowers white; 10-4; usually near water, Clanwilliam to Peninsula, Worcester, Caledon, George, Port Elizabeth (E Cape?).
vellereum (R.A. Dyer) Hilliard - (= **Helichrysum vellereum** R.A. Dyer); straggling perennial, to 400 mm, flowers white; 11-2; sand dunes, Humansdorp (E Cape).

VERNONIA ca 1 000 sp - more or less cosmopolitan

anisochaetoides Sonder - rampant climber, flowers yellow-beige; 6-9; forest margins, Knysna to Port Elizabeth (E Cape to Natal).
capensis (Houtt.) Druce - (blounaaldeteebossie); perennial, 350-750 mm, flowers purple; 10-1; George to Port Elizabeth (widespread in southern and tropical Africa).
mespilifolia Less. - (swartteebossie); scrambling shrub, flowers mauve fading to white; 12-3; forest margins, George to Port Elizabeth (E Cape to Natal).
neocorymbosa Hilliard - (= **V. corymbosa** (L.f.) Less.); large shrub, ca 1 m, flowers mauve to white; 1-5; forest margins, Uitenhage (E Cape to Natal).

BALANOPHORACEAE

MYSTROPETALON 2 sp - S W Cape

polemannii Harvey - fleshy parasite on roots of Proteaceae, 100-150 mm, leaves scale-like, male flower bracts spatulate, spikes dense, flowers dark red; 11-5; Malmesbury, Caledon.
thomii Harvey - (aardroos); fleshy parasite on roots of Proteaceae, 100-150 mm, leaves scale-like, male flower bracts oblong, spikes dense, flowers dark red; 4-5; Caledon.

SARCOPHYTE 2 sp - southern Cape to tropical E Africa

sanguinea Sparrman - (wolwekos); much-branched fleshy root parasite of **Acacia** sp, 150-300 mm, dioecious, flowers dark red; 11-1; Uitenhage (E Cape, Transkei).

BALSAMINACEAE

IMPATIENS 600-700 sp - worldwide, mainly tropical

hochstetteri Warb. - (balsam); erect or straggling perennial, 200-600 mm, flowers pink or white; 10-4; forest floor and clearings, George to Port Elizabeth (E Cape to tropical Africa).

BIGNONIACEAE

RHIGOZUM 7 sp - tropical and southern Africa, Madagascar

obovatum Burchell - (wild pomegranate, bergrhigozum, wildegranaat); much-branched spiny shrub, to 1,2 m, flowers bright yellow; 7-12; dry shaly slopes, Montagu to Oudtshoorn, Humansdorp, Uitenhage (Karoo, E and N Cape).

TECOMARIA 4 or 5 sp - southern and E tropical Africa

capensis (Thunb.) Spach - (Cape trumpet flower or honeysuckle, trompetters); scrambling shrub, 1-2 m, flowers orange, occ. yellow; 10-5; forest margins, Uitenhage (E Cape to tropical Africa).

BORAGINACEAE

ANCHUSA ca 50 sp - tropical and southern Africa, Europe, W Asia

capensis Thunb. - (forget-me-not, ystergras); herbaceous perennial, 300-600 mm, flowers blue; 7-11; Clanwilliam, Malmesbury, Swellendam, Riversdale (E Cape, Karoo, Namaqualand, Namibia).

CORDIA ca 250 sp - cosmopolitan, mainly tropical

caffra Sonder - (septee, ouhout); shrub or tree, 7-13 m, flowers white; 9; coastal forest, Uitenhage (E Cape to Natal).

CYNOGLOSSUM ca 60 sp - cosmopolitan

enerve Turcz. - (hound's tongue); biennial or perennial, 300-600 mm, flowers blue; 11-5; Peninsula, Riversdale to Uitenhage (E Cape to Transvaal).
lanceolatum Forsskal - (knoppiesklits); biennial or perennial with large basal leaves, 300-600 mm, flowers blue or white; 11-2; Knysna, Humansdorp, Uitenhage (E Cape to Transvaal).

ECHIOSTACHYS 3 sp - S W and W Cape

ecklonianus (Buek) Levyns - perennial with woody underground stems, leaves tufted, 150-300 mm, flowers pink to mauve; 8-12; Stellenbosch to Bredasdorp.
incanus (Thunb.) Levyns - perennial with woody underground stems, leaves tufted, 200-400 mm; 8-10; Clanwilliam to Worcester, Stellenbosch to Swellendam.
spicatus (Burm. f.) Levyns - perennial with woody underground stems, leaves tufted, 200-400 mm, flowers white; 9-10; Piketberg, Malmesbury, Paarl.

ECHIUM ca 40 sp - Europe, Africa and W Asia

***lycopis** L. - (= **E. plantagineum** L. and **E. violaceum** L.) (bloudissel); erect biennial, leaves mainly basal, 600-900 mm, flowers blue or mauve; 10-1; waste places, Stellenbosch, Peninsula (introduced from Europe).

EHRETIA ca 50 sp - cosmopolitan

rigida (Thunb.) Druce - (Cape lilac, puzzle bush, deurmekaarbos); twiggy shrub or small tree, 2-5 m, flowers lilac; 8-2; forests or scrub, Humansdorp to Uitenhage (E Cape to tropical Africa, Namibia).

HELIOTROPIUM ca 250 sp - cosmopolitan

curassavicum L. - (brakganna, panbrak); branched shrublet, 200-450 mm, flowers white; 11-2; salt marshes, Uitenhage (Namaqualand, N Cape, Namibia).
supinum L. - prostrate perennial, flowers whitish; 1-4; Lokenburg, Peninsula (extinct?), Uitenhage (Namaqualand, Namibia, Mediterranean, Canary Is.).

LOBOSTEMON 28 sp - Cape, Karoo, Namaqualand

argenteus (Bergius) Buek - grey-leafed scabrid shrub, 300-900 mm, flowers deep blue; 10-1; Clanwilliam to Uitenhage (Namaqualand, E Cape)
bolusii Levyns - shrublet, 300-600 mm, flowers white; 10; Gordons Bay.
capitatus (L.) Buek - shrublet, 300-600 mm, flowers white and brown; 9-10; Tulbagh, Paarl, Piketberg to Peninsula.
collinus Schltr. ex. C.H. Wright - shrub to 450 mm, flowers pink; 10; blown sand dunes, Bredasdorp.
curvifolius Buek - silver-leafed shrub, 300-600 mm, flowers pink or blue; 9-10; Caledon, Swellendam, Riversdale,
decorus Levyns - shrub to 1 m, flowers blue; 9-11; dry sandy mountain slopes, Oudtshoorn, Ladismith.
echioides Lehm. - branched shrublet, 600-900 mm, flowers bright blue; 6-12; renosterveld, widespread in S W Cape except Peninsula (Namaqualand, Karoo, E Cape).
fruticosus (L.) Buek - (agtdaegeneesbos, luibos); attractive rounded shrub, leaves often silvery, to 800 mm, flowers blue or pink; 8-10; sandy places, Nieuwoudtville to Uniondale (Namaqualand).
glaucophyllus (Jacq.) Buek - shrub to 800 mm, flowers blue, occ. pink; 7-11; sandy flats and slopes, Gifberg to Peninsula, Worcester, Robertson (Namaqualand).
gracilis Levyns - shrub to 800 mm, flowers blue or white; 9-10; sandstone hills, Robertson.
grandiflorus (Andrews) Levyns - attractive tall shrub, 1-1,5 m, flowers bright red; 8-11; riverine scrub, Stellenbosch.
hispidus (Thunb.) DC. - woody shrublet, 300-600 mm, flowers white or pink; 8-11; clay soils, Ceres to Peninsula, Worcester (W Karoo).
horridus Levyns - rough scabrid-leafed shrub, to 800 mm, flowers blue; 4; upper sandstone slopes, Witteberg.
hottentoticus Levyns - shrub, 300-600 mm, flowers blue; 7-10; lower mountain slopes, Stellenbosch.
laevigatus (L.) Buek - shrub, 1-2 m, flowers blue; 8-10; high alt. sand and rocks, Cedarberg to Ceres, Piketberg.
lucidus (Lehm.) Buek - shrublet woody at base, 150-200 mm, flowers pink or blue; 8-10; lower, sandy slopes, Bredasdorp, Swellendam, Riversdale.
marlothii Levyns - shrub to 300 mm, flowers blue or pink; 8-10; upper alt. karroid slopes, Ladismith, Oudtshoorn, Willowmore.
montanus (DC.) Buek - much-branched shrub, 1-2 m, flowers blue; 7-9; sandy flats and slopes, Peninsula to Caledon.
muirii Levyns - much-branched shrub, to 1 m, flowers cream with red or brownish veins; 7, 2; rocky sandstone slopes, Swellendam to Riversdale.
oederiifolius DC. - shrub to 1 m, flowers blue or pink; 9-10; sandy soils, Ceres, Worcester to Montagu.
paniculiformis DC. - much-branched shrub, to 1 m, flowers blue; 7-9; clay soils, Piketberg to Malmesbury.
paniculatus (Thunb.) Buek - somewhat straggling shrublet, to 600 mm, flowers blue; 7-11; near water, Peninsula to Ceres, Worcester, Ladismith (Karoo).

pearsonii Levyns - shrub to 1 m, flowers pink or blue; 8-11; rocky slopes, Ladismith (Namaqualand, W Karoo).
sanguineus Schltr. - stout shrub, 1-1,5 m, flowers crimson; 1-5; sandy soil, Bredasdorp.
stachydeus DC. - slender shrub, 400-600 mm, flowers blue, fading pink; 9-12; dry sandy mountain slopes, Ladismith, George, Uitenhage (Karoo, Namaqualand).
strigosus (Lehm.) Buek - shrub to 600 mm, flowers bright blue; 8-10; clay soil, Caledon, Swellendam to Mossel Bay.
trichotomus (Thunb.) DC. - grey-leafed shrub, 600-900 mm, flowers blue or pink; 8-11; mountain slopes, Gifberg to Ceres, Worcester, Witteberg, Peninsula.
trigonus (Thunb.) Buek - very scabrid shrub, 300-600 mm, flowers blue; 8-12; coastal scrub, Bredasdorp to Port Elizabeth (E Cape).

MYOSOTIS ca 50 sp - cosmopolitan in temperate regions

afropalustris C.H. Wright - soft branching perennial, 300-600 mm, flowers blue; 9-12; damp places, Riversdale, Knysna (OFS, Natal).
intermedia Link - (forget-me-not, vergeetmynietjie); slender perennial with basal tuft of leaves, 200-300 mm, flowers white, occ. blue; 10-1; moist slopes, Malmesbury, Peninsula, Caledon, George, Humansdorp (E Cape, Europe).
sylvatica Hoffm. - (forget-me-not, vergeetmynietjie); soft perennial, 150-300 mm, flowers blue; 8-1; damp shady areas, Knysna, Humansdorp (Karoo, OFS, Natal, Transvaal, Eurasia, Canary Is.).

BRASSICACEAE

BRACHYCARPAEA 1 sp - S W Cape and Namaqualand

juncea (Bergius) Marais - (wild stock, bergviool, blouriet); slender straggling shrublet, to 1 m, flowers white, mauve or purple; 8-12; widespread, Nieuwoudtville to Uniondale (Namaqualand).

CARDAMINE ca 160 sp - cosmopolitan, mainly temperate

africana L. - perennial, 150-250 mm, flowers white; 10-11; damp rocks, Peninsula, Swellendam to Uitenhage (E Cape to Transvaal).

CHAMIRA 1 sp - S W and W Cape

circaeoides (L.f.) A. Zahlbr. - soft brittle-stemmed sprawling annual, 300-600 mm, flowers white; 8-10; under bushes, Lokenburg to Ceres, Malmesbury, Peninsula, Caledon.

CYCLOPTYCHIS 2 sp - S W Cape

marlothii O. Schulz - erect shrub, to 2 m, flowers white or mauve; 9-10; rocky mountain slopes, Cedarberg to Ceres.
virgata E. Meyer - (blouriet); woody shrublet, to 1 m, flowers white or mauve; 9-12; rocky slopes and plateaus, Gifberg to Clanwilliam.

HELIOPHILA ca 71 sp - southern Africa

acuminata (Ecklon & Zeyher) Steudel - erect annual, 150-450 mm, flowers blue or white; 8-9; Nieuwoudtville to Tulbagh, Ceres, Piketberg to Peninsula (S Namaqualand).

adpressa O. Schulz - slender or stout erect annual, 150-500 mm, flowers blue or pink; 9-10; coastal dunes, Stellenbosch, Peninsula to Riversdale.

africana (L.) Marais - (bloubekkie); annual, 0,6-1,3 m, flowers blue or mauve; 8-10; Gifberg to Peninsula, Caledon, Worcester to Swellendam (Namaqualand).

amplexicaulis L.f. - slender or stout annual, 150-450 mm, flowers white, pink or mauve; 8-10; Gifberg to Saldanha, Montagu (W Karoo, Namaqualand).

arenaria Sonder - erect or sprawling annual, to 500 mm, flowers blue; 7-9; Nieuwoudtville to Clanwilliam (S Namaqualand).

arenosa Schltr. - slender erect annual, 100-250 mm, flowers blue; 9-10; Cedarberg to Ceres.

brachycarpa Meissner - shrub or small tree, to 2 m, flowers cream, occ. tinged purple; 5-12; Humansdorp to Port Elizabeth (Karoo, E Cape).

bulbostyla Barnes - erect annual, to 350 mm, flowers blue; 9-10; Montagu to Swellendam (Karoo).

callosa (L.f.) DC. - stout shrublet, to 1 m, flowers white, pink or mauve; 7-11; damp sheltered places, Clanwilliam, Tulbagh, Peninsula.

carnosa (Thunb.) Steudel - (blompeperbossie); erect shrublet, to 600 mm, flowers mauve to white; 8-12; Ceres, Worcester to Ladismith, Swellendam, George (Karoo, E Cape, Transvaal, Namibia).

cedarbergensis Marais - trailing woody shrublet, flowers pink or white; 10; high alt. among rocks, Cedarberg.

cinerea Marais - woody shrublet with grey succulent leaves, 200-600 mm, flowers mauve or blue; 10-11; coastal, Cape Peninsula.

collina O. Schulz - pubescent annual, to 200 mm, flowers whitish, fading violet; 8-9; Nieuwoudtville.

concatenata Sonder - somewhat pubescent annual, 200-600 mm, flowers white, pink or purple; 10; Tulbagh to Peninsula, Caledon.

cornuta Sonder - erect or straggling shrub, to 1,5 m, flowers white, blue or mauve; 7-11; Nieuwoudtville to Worcester, Ladismith, Robertson, Swellendam, Uniondale (S Namaqualand, Karoo, Namibia).

coronopifolia L. - erect slender annual, 100-600 mm, flowers blue; 8-10; Clanwilliam to Peninsula (S Namaqualand).

crithmifolia Willd. - erect annual, 100-600 mm, flowers white, occ. mauve; 7-10; Clanwilliam to Worcester, Piketberg, Robertson, Caledon (Karoo, Namibia).

cuneata Marais - straggling shrub, to 1 m, flowers light blue; 8-9; forest fringes, Stellenbosch.

descurva Schltr. - erect annual, 300-600 mm, flowers blue or mauve; 8-9; Nieuwoudtville to Ceres, Swellendam (S Namaqualand).

deserticola Schltr. - annual, 150-300 mm, flowers blue, mauve or white; 5-9; Ceres (W Karoo to Namibia).

diffusa (Thunb.) DC. - soft straggling annual, 50-400 mm, flowers cream; 8-11; Clanwilliam, Ceres, Tulbagh to Peninsula, Caledon.

digitata L.f. - erect annual, 150-500 mm, flowers pink or blue; 8-10; Clanwilliam to Peninsula, Ceres, Caledon.

dregeana Sonder - much-branched straggling shrublet, 200-350 mm, flowers mauve, pink, or white; 8-10; Clanwilliam, Ceres, Piketberg.

elata Sonder - slender shrublet, 0,15-1 m, flowers white, blue, mauve; 7-12; Nieuwoudtville to Worcester, Piketberg (S Namaqualand).

elongata (Thunb.) DC. - perennial shrublet, 200-600 mm, flowers cream; 1-12; Swartberg Mts., Swellendam to Port Elizabeth (E Cape, Natal).

esterhuyseniae Marais - erect or trailing shrublet, 600-900 mm, flowers pale blue, white or mauve; 8-9; high alt. ledges, Ceres, Paarl, Worcester.

filicaulis Marais - much-branched wiry shrublet, flowers blue; 10; rock ledges, Worcester.

glauca Burchell ex DC. - grey-leafed shrub to 2 m, flowers mauve or white; 8-4; Ladismith, Riversdale to Uitenhage.
lactea Schltr. - erect annual, 150-550 mm, flowers blue with white centre; 7-10; Nieuwoudtville (Namaqualand, Namibia).
linearis (Thunb.) DC. - somewhat woody perennial, to 900 mm, flowers blue, mauve; 8-2; Malmesbury, Peninsula to Port Elizabeth (Bathurst).
linoides Schltr. - erect annual, 300-500 mm, flowers mauve; 8-10; Clanwilliam, Ceres, Worcester, Paarl, Stellenbosch.
macowaniana Schltr. - annual, 100-500 mm, flowers white or blue; 8-10; Clanwilliam to Worcester, Piketberg, Malmesbury, Paarl.
macra Schltr. - slender shrub, 1-1,3 m, flowers white or mauve; Caledon, Bredasdorp, Swellendam.
meyeri Sonder - annual, 100-450 mm, flowers white; 6-11; Clanwilliam to Worcester, Paarl to Peninsula, Caledon, Swellendam.
namaquana Bolus - annual, 70-300 mm, flowers white, blue or mauve; 8-10; Clanwilliam, Ceres (W Karoo, Namaqualand).
nubigena Schltr. - much-branched straggling pubescent shrublet, to 450 mm, flowers blue to violet; 9-10; rock crevices at high alt., Ceres to Paarl, Worcester, Ladismith.
patens Oliver - much-branched annual, 100-200 mm, flowers white; 7; Piketberg (S Namaqualand).
pectinata Burchell ex DC. - annual, 50-300 mm, flowers blue; 9-10; Montagu, Swellendam (Karoo).
pendula Willd. - annual, 80-500 mm, flowers white, occ. tinged mauve; 7-9; Peninsula to Swellendam, Worcester to Port Elizabeth (Karoo, E Cape).
pinnata L.f. - much-branched annual with brown wiry stems, 50-200 mm, flowers blue to mauve; 8-10; Nieuwoudtville to Worcester (Karoo, S Namaqualand).
promontorii Marais - slender, wiry annual, 60-250 mm, flowers blue or mauve with white centre; 9-11; sand dunes or flats, Cape Peninsula.
pubescens Burchell ex Sonder - annual, 50-300 mm, flowers white; 9; Clanwilliam, Ceres, Montagu (Karoo, Namaqualand).
pusilla L.f. - slender annual, 50-300 mm, flowers white; 8-10; Clanwilliam to Worcester, Piketberg, Peninsula to Swellendam.
ramosissima O. Schulz - much-branched shrublet, to 250 mm, flowers white with mauve reverse; 10; Caledon, Uitenhage.
refracta Sonder - branched annual, 100-400 mm, flowers blue; 8-9; Clanwilliam, Piketberg to Peninsula, Riversdale.
rimicola Marais - stiffly branched shrublet, flowers white, tinged purple; 12; rock crevices at high alt., Swartberg Mts., Ladismith to Oudtshoorn.
scoparia Burchell ex DC. - erect shrub, to 1 m, flowers purple, lilac, white; 4-2; Cedarberg to Worcester, Ladismith, Piketberg to Peninsula, Caledon.
seselifolia Burchell ex DC. - annual, 100-350 mm, flowers white; 7-9; Clanwilliam, Ceres (W Karoo, Namaqualand).
suavissima Burchell ex DC. - (ruikpeperbossie); shrublet to 600 mm, flowers blue or purple; 5-7; Montagu to Uitenhage (Karoo, E Cape to Natal, OFS).
subulata Burchell ex DC. - shrublet, 100-500 mm, flowers blue or mauve; 4-9; Ceres to Worcester, Peninsula to Bredasdorp, Montagu, Ladismith, Riversdale to Port Elizabeth (E Cape to Natal).
tabularis Wolley-Dod - unbranched annual, 100-120 mm, flowers whitish; 10; Cape Peninsula.
thunbergii Sonder - annual to 900 mm, flowers white, blue, pink or mauve; 7-9; Clanwilliam to Worcester (W Karoo, Namibia).
tricuspidata Schltr. - sprawling shrublet, flowers mauve; 10; mountains, in rock crevices, Caledon.

tulbaghensis Schinz - straggling shrublet, to 250 mm, flowers pinkish; 10; mountain slopes, Tulbagh, Ceres, Paarl.
variabilis Burchell ex DC. - annual, 100-350 mm, flowers white, occ. mauve; 7-9; Clanwilliam, Ceres (W Karoo, Namaqualand).

LEPIDIUM ca 140 sp - cosmopolitan

africanum (Burm. f.) DC. - (bird-seed, pepper weed, peperbossie); variable erect annual or biennial, to 450 mm, flowers white; 9-3; widespread indigenous weed (southern Africa, Europe).
capense Thunb. - somewhat woody perennial, 150-600 mm, flowers white; 4-8; Cape Peninsula.
desertorum Ecklon & Zeyher - (peperbossie); low-growing annual or biennial, 20-250 mm, flowers greenish; 8-9; Clanwilliam, Worcester, Oudtshoorn, Riversdale, Uitenhage (widespread in southern Africa).
ecklonii Schrader - perennial, 50-600 mm, flowers whitish; 4-11; Peninsula, Riversdale, Knysna to Port Elizabeth (W Karoo, E Cape).
flexuosum Thunb. - perennial with annual stems, to 400 mm, flowers white; 10; Piketberg, Malmesbury.
pinnatum Thunb. - (peperbossie); somewhat woody perennial, to 400 mm, flowers white; 8-11; rock ledges, Worcester, Paarl, Peninsula.

SCHLECHTERIA 1 sp - Cedarberg

capensis Bolus - erect or trailing shrublet, 150-300 mm, flowers pink or white; 9-10; rock ledges at high alt., Cedarberg Mts.

SILICULARIA 1 sp - Ceres

polygaloides (Schltr.) Marais - twiggy shrublet, 200-500 mm, flowers white, tinged pink; 9-10; rock crevices at high alt., Ceres.

SISYMBRIUM ca 80 sp - S Africa, Eurasia, N America, Andes

capense Thunb. - erect annual or biennial, to 1 m, flowers yellow; 10-4; Peninsula to Riversdale, Worcester, Oudtshoorn to Port Elizabeth (Karoo, E Cape, OFS, Natal).

THLASPEOCARPA 2 sp - S W Cape, Namaqualand, W Karoo

capensis (Sonder) C.A. Smith - (geldbeursie); annual, 120-350 mm, fruits discoid, flowers pinkish; 8-9; Nieuwoudtville, Ceres, Worcester (W Karoo).

BRUNIACEAE

AUDOUINIA 1 sp - Cape Peninsula

capitata (L.) Brongn. - (false heath, basterheide); heath-like shrublet, 600-900 mm, flowers axillary, red; 5-10; sandy slopes and flats, Cape Peninsula.

BERZELIA 12 sp - S W Cape to E Cape

abrotanoides (L.) Brongn. - fine-leafed shrub, 1-1,5 m, flower-heads cream; 4-10; marshy areas, Clanwilliam to Paarl, Peninsula to Bredasdorp.

burchellii Dummer - much-branched shrub, to 600 mm, flower-heads white; 10-11; marshy upper slopes, Riversdale.
commutata Sonder - much-branched shrub, ca 1 m, flower-heads white; 10-1; George to Port Elizabeth (E Cape).
cordifolia Schldl. - much-branched shrub, 600-900 mm, flower-heads whitish; 10-11; lower mountain slopes, Bredasdorp, Swellendam.
dregeana Colozza - much-branched shrub, to 1 m, flower-heads white; 8-10; Caledon.
ecklonii Pill. - slender much-branched shrub, 600-900 mm, flower-heads cream; 11-12; damp mountain slopes, Caledon.
galpinii Pill. - much-branched shrub, 1-2 m, flower-heads cream; 9; streamsides on mountain slopes, Riversdale.
incurva Pill. - much-branched shrub, to 1 m, flower-heads cream; 1-3; upper slopes, Caledon.
intermedia Schldl. - (knopbos, kolbos); much-branched shrub, 1-1,5 m, flower-heads cream; 11-3; lower slopes, Cedarberg to Uitenhage (E Cape).
lanuginosa (L.) Brongn. - (vleiknopbos); much-branched shrub, 1,5-2 m, flower-heads cream; 6-11; Cedarberg to Worcester, Piketberg, Peninsula to Bredasdorp.
rubra (Willd.) Schldl. - much-branched shrub, to 1,2 m, flower-heads red; 2-9; upper mountain slopes, Caledon.
squarrosa (Thunb.) Sonder - (= **B. arachnoidea** Ecklon & Zeyher); much-branched shrub or tree, to 1,5 m, flower-heads white; 8-9; marshy flats or slopes, Clanwilliam to Worcester, Peninsula to Bredasdorp.

BRUNIA 7 sp - S W and S Cape

albiflora E. Phillips - attractive tall shrub, 2-3 m, coffee-scented, flower-heads large, cream; 3-4; Caledon.
alopecuroides Thunb. - shrub, 600-900 mm, flower-heads cream; 9-1; upper mountain slopes, Caledon.
laevis Thunb. - grey-leafed shrub, 400-900 mm, flower-heads large, cream; 8-1; lower to middle slopes, Caledon, Bredasdorp.
macrocephala Willd. - (stompie, vaalstompie); stout grey-leafed shrub, 600-900 mm, flower-heads large, cream; 1-9; high alt., Worcester.
neglecta Schltr. - shrub to 600 mm, flower-heads large, cream; 1-2; upper mountain slopes, Caledon, Worcester.
nodiflora L. - (fonteinbossie, stompie); shrub to 1 m, flower-heads cream; 3-6; mountain slopes, Piketberg, Ceres to Peninsula, Caledon to Uitenhage.
stokoei E. Phillips - (rooistompie); slender shrub, 1-2 m, flower-heads large, red; 11-4; lower mountain slopes, Caledon.

LINCONIA 2 sp - S W and S Cape

alopecuroides L. - heath-like shrub, to 600 mm, flowers rose-pink; 9-11; higher mountain slopes, Swellendam, Riversdale, Humansdorp.
cuspidata (Thunb.) Swartz - heath-like shrub, 200-300 mm, flowers cream; 9-1; mountains at high alt. in rock crevices, Paarl, Caledon.

LONCHOSTOMA 5 sp - S W Cape

esterhuyseniae Strid - much-branched shrub, 0,5-1 m, flowers red; 11; mountains in rock crevices, Caledon.

monogynum (Vahl) Pill. - slender shrub, 200-750 mm, flowers white; 1-12; mountains at high alt., near water, Ceres, Paarl, Worcester, Robertson, Caledon.
myrtoides (Vahl) Pill. - shrub to 600 mm, flowers pink; 9-10; montane marshes, Ceres.
pentandrum (Thunb.) Druce - slender shrub, 400-600 mm, flowers cream; 9-11; swamps at high alt., Cedarberg, Ceres.
purpureum Pill. - much-branched shrub, 600-900 mm, flowers purple; 7-12; high alt. shale band, Paarl, Stellenbosch, Caledon.

MNIOTHAMNEA 2 sp - S Cape

bullata Schltr. - densely branched, small-leafed cushion plant, flowers cream; 9-1; rock crevices at high alt., Swellendam.
callunoides (Oliver) Niedenzu - densely branched, small-leafed shrublet, 300-900 mm, flowers white to pink; 9-2; middle alt., Langeberg Mts., Montagu to Riversdale.

NEBELIA 6 sp - S W and S Cape

fragarioides (Willd.) Kuntze - much-branched shrub, 600-900 mm, flowers in large heads, cream; 7-10; mountain slopes, Ceres, Paarl, Worcester, Caledon.
laevis (E. Meyer) Kuntze - stout shrub, 600-900 mm, flower-heads cream; 10-1; rocky upper mountain slopes, Worcester, Caledon, Robertson.
paleacea (Bergius) Sweet - much-branched shrub, 400-800 mm, flower-heads cream; 10-2; mountain slopes, Cedarberg, Paarl, Caledon, Riversdale, George.
sphaerocephala (Sonder) Kuntze - much-branched shrub, 1-1,8 m, flower-heads cream; 10-2; marshes at high alt., Paarl to Caledon, Worcester.
stokoei Pill. - much-branched shrub, 600-900 mm, flower-heads white; 10-12; marshes at high alt., Ceres.
tulbaghensis Schltr. ex Dummer - much-branched shrub, ca 500 mm, flower-heads whitish; 2; upper mountain slopes, Tulbagh.

PSEUDOBAECKEA 4 sp - S W and S Cape

africana (Burm.f.) Pill. - much-branched shrub, 1-3 m, flowers cream; 9-11; mountain slopes, Clanwilliam to Ceres, Piketberg, Tulbagh, Paarl, Caledon.
cordata (Burm.f.) Niedenzu - much-branched shrub, 1-2 m, flowers white; 8-1; mountain slopes, Paarl, Stellenbosch, Caledon to Port Elizabeth.
stokoei Pill. - much-branched shrublet, to 600 mm, flowers cream; 7-9; upper mountain slopes, near streams, Caledon.
teres (Oliver) Dummer - much-branched shrublet, to 500 mm, flowers cream; 2; upper mountain slopes, Caledon.

RASPALIA 16 sp - mainly S W Cape, 1 in Natal

angulata (Sonder) Niedenzu - fine-leafed shrub, 750-900 mm, flowers whitish; 10-1; among rocks at high alt., Paarl, Worcester, Caledon.
barnardii Pill. - low shrublet, 200-300 mm, flowers cream; 10; mountain slopes, Swellendam.
dregeana (Sonder) Niedenzu - velvety shrub, to 900 mm, flowers cream; 12-1; marshes at high alt., Cedarberg, Ceres, Worcester.
globosa (Lam.) Pill. - velvety shrub, 600-900 mm, flowers magenta; 3-8; mid to upper mountain slopes, Caledon.

microphylla (Thunb.) Brongn. - shrublet, 200-900 mm, flowers whitish; 9-1; rocky outcrops at high alt., Paarl, Caledon, Bredasdorp, Swellendam.
oblongifolia Pill. - much-branched spreading shrublet, to 300 mm, flowers white; 11-12; among rocks at high alt., Worcester.
palustris (Schltr. ex Kirchner) Pill. - shrub, 1-1,5 m, flowers whitish; 10-4; rocky upper slopes, Cedarberg, Ceres, Tulbagh, Paarl, Robertson.
phylicoides (Thunb.) Arnott - shrub, 650 mm, flowers whitish; 2-8; upper mountain slopes, Caledon, Bredasdorp.
sacculata (Bolus ex Kirchner) Pill. - shrub, 600 mm, flowers pale mauve; 12-1; high alt., Ceres, Paarl.
schlechteri Dummer - shrub to 1 m, flowers whitish; 11-12; streamsides on mountain slopes, Riversdale.
staavioides (Sonder) Pill. - shrub, 0,6-1,5 m, flowers white; 9-1; upper mountain slopes, in shade, Cedarberg.
stokoei Pill. - shrub to 300 mm, flowers white; 12; shale band at high alt., Ceres, Tulbagh, Worcester.
variabilis Pill. - sprawling shrub, 300-400 mm, flowers white; 8-12; high alt. rock ledges, Worcester, Oudtshoorn, Robertson, Paarl, Stellenbosch.
villosa Presl - shrub, 600-900 mm, flowers white; 10-12; rocks at high alt., Cedarberg.
virgata (Brongn.) Pill. - tall shrub, 0,5-3 m, flowers white; 9-1; upper mountain slopes, Stellenbosch, Caledon, Swellendam.

STAAVIA 9 sp - S W and S Cape

brownii Dummer - heath-like shrub, 300-500 mm, flowers whitish; 10-2; coastal slopes, Caledon.
capitella (Thunb.) Sonder - (incl. **S. trichotoma** (Thunb.) Pill., and **S. comosa** Colozza); heath-like shrub, 500-800 mm, flowers white or pink; 5-10; upper mountain slopes, Worcester, Caledon, Bredasdorp.
dodii Bolus - (diamond eyes); heath-like shrub, to 600 mm, bracts large and white, flower-heads dark; 4-9; low rocky ridges, southern Cape Peninsula.
dregeana Presl - shrublet, to 200 mm, flowers whitish; 6-11; rock crevices at high alt., Paarl, Peninsula.
glutinosa (L.) Dahl - (fly catcher bush, vlieëbossie); heath-like shrub, 600-900 mm, bracts large and white, flower-heads dark, sticky; 4-2; upper mountain slopes, Peninsula, Uitenhage?.
phylicoides Pill. - heath-like shrub, 300-500 mm, flowers whitish; 9; Nieuwoudtville (extinct?).
radiata (L.) Dahl - (altydbossie); heath-like shrub with persistent rootstock, 400-800 mm, bracts small and white, flowers pinkish; 1-12; flats and lower slopes, Malmesbury, Paarl to Peninsula, Caledon to Riversdale.
verticillata (L.f.) Pill. - heath-like shrub, to 500 mm, flowers whitish, 9-1; near streams on upper slopes, Worcester, Paarl, Caledon.
zeyheri Sonder - shrub to 1,3 m, bracts white, flowers whitish; 6-10; lower mountain slopes, Riviersonderend Mts.

THAMNEA 7 sp - S W Cape

depressa Oliver - small-leafed shrublet, 200-300 mm; 2; Genadendal (poorly known).
diosmoides Oliver - small-leafed shrub, 300-500 mm, flowers attractive, pink, occ. white; 9-12; rocky upper slopes, Clanwilliam to Worcester.
gracilis Oliver - slender densely branched shrub, to 300 mm, flowers whitish; 1; rocky mountain slopes, Swellendam.

hirtella Oliver - dense sprawling shrub, 200-400 mm, flowers mauve to pink; 4-6; high alt. slopes, Tulbagh.
massoniana Dummer - small-leafed shrublet, 300-600 mm, flowers pink, fading to white; 12-4; rock crevices at high alt., Paarl, Stellenbosch, Caledon.
thesioides Dummer - low shrub, 100-200 mm, flowers minute, white; 1-5; lower mountain slopes, Ceres.
uniflora Solander ex Brongn. - slender shrublet, flowers white; 3; lower slopes, Caledon.

TITTMANNIA 4 sp - S W Cape

esterhuyseniae E. Powrie - heath-like shrub, 500-600 mm, flowers large, white; 3; steep shale slopes, Worcester.
hispida Pill. - sprawling small-leafed shrub, to 600 mm, flowers white; 11-4; upper mountain slopes, Tulbagh, Worcester.
laevis Pill. - heath-like shrub, to 500 mm, flowers white; 10-12; upper mountain slopes, Paarl.
laxa (Thunb.) Presl - heath-like shrub, 400-600 mm, flowers white; 10-12; rock ledges at high alt., Cedarberg to Piketberg, Paarl, Worcester, Montagu.

CAMPANULACEAE

CYPHIA ca 50 sp - mainly southern Africa, also Cape Verde Is.

angustifolia Ecklon & Zeyher - perennial with twining stems, flowers pink?; 2-4; Uitenhage (S Karoo).
bulbosa (L.) Bergius - (bergbaroe); erect tuberous perennial, 100-400 mm, flowers lilac; 8-10; common esp. after fires on flats and slopes, Clanwilliam to Peninsula, Caledon (E Cape).
campestris Ecklon & Zeyher - (= C. linarioides Presl) (veldbaroe, kameka); erect or flexuose perennial, 150-300 mm, flowers lilac or white; mainly 8-10; Tulbagh, Peninsula to Bredasdorp, Worcester, Humansdorp, Uitenhage (E Cape, OFS).
crenata (Thunb.) Presl - twining perennial, flowers mauve; 8-10; Clanwilliam, Malmesbury, Peninsula (Namaqualand).
dentariifolia Presl - perennial with twining stems, flowers mauve?; 7-8; Swartberg Mts., Mossel Bay.
dentata F. Wimmer - perennial with twining stems, flowers violet; 9; rocky slopes, Pakhuis Mts., Clanwilliam.
digitata (Thunb.) Willd. - (aardboontjie, vlaktebaroe); twining perennial, flowers lilac or white; 6-11; Clanwilliam to Peninsula, Swellendam, Worcester, Ladismith (Karoo, Namaqualand).
georgica F. Wimmer - perennial with erect to twining stems, flowers ?; 3; flats, George.
heterophylla Presl ex Ecklon & Zeyher - (baroe); twining perennial, flowers white or lilac; 4-10; grassland, George to Humansdorp (E Cape).
incisa (Thunb.) Willd. - (baroe); tufted perennial, 50-480 mm, flowers whitish; 8-10; Nieuwoudtville, Clanwilliam to Peninsula.
kerastes F. Wimmer - perennial with erect to twining stems, flowers ?; ?; locality uncertain, Swellendam? (poorly known).
longipedicellata F. Wimmer - perennial with twining stems, flowers ?; ?; locality not known, S W Cape (poorly known).
oligotricha Schltr. - leafy erect perennial, 120-150 mm, flowers whitish; 7-9; Ceres (S Namaqualand).
phyteuma (L.) Willd. - (baroe); tufted perennial, 150-300 mm, flowers lilac; 8-11; common after fires, Clanwilliam to Peninsula, Worcester, Riversdale.

ranunculifolia F. Wimmer - perennial with twining stems, to 800 mm, flowers red-violet; 9; among rocks at middle alt., Pakhuis Mts.
schlechteri E. Phillips - perennial with twining stems, flowers lilac; 7-9; Clanwilliam, Tulbagh (Namaqualand).
subtubulata F. Wimmer - perennial with twining stems, to 600 mm, flowers white or mauve; 8-11; stony flats and lower slopes, Tulbagh, Worcester.
sylvatica Ecklon - (bosbaroe, berou); perennial with twining stems, flowers lilac; 4-7; Clanwilliam, George, Oudtshoorn, Uitenhage (E Cape).
tenera Diels - perennial with twining stems, flowers ?; 8; flats, Hopefield.
tortilis N.E. Br. - perennial with twining stems, flowers lilac; 5; Knysna (E Cape).
triphylla E. Phillips - perennial with erect to twining stems, flowers pink to lilac; 4-5; Riversdale, Port Elizabeth (E Cape, Karoo, Lesotho).
undulata Ecklon - (veldbaroe, vlaktebaroe); semi-twining perennial, flowers lilac; 3-9; Clanwilliam, Bredasdorp, Humansdorp, Uitenhage (E Cape).
volubilis (Burm. f.) Willd. - (aardboontjie, bergbaroe); twining perennial, flowers lilac; 8-10; Gifberg to Riversdale (Karoo, Namaqualand).
zeyheriana Presl - (sandbaroe, barup); twining perennial, flowers yellowish; 7-10; Clanwilliam to Worcester, Piketberg, Caledon, Swellendam.

GRAMMATOTHECA 1 sp - S W and E Cape, Natal

bergiana (Cham.) Presl - soft creeping perennial, 150-600 mm, flowers blue; 11-4; marshy ground, Paarl, Peninsula, Caledon, Uniondale, Uitenhage (E Cape to Natal).

LAURENTIA ca 30 sp - tropical and southern Africa, Mediterranean

arabidea (Presl) A. DC. - erect annual with mainly basal leaves, 50-300 mm, flowers blue or white; 11-4; damp places, Cedarberg to Worcester, Peninsula to Uniondale.
giftbergensis (E. Phillips) F. Wimmer - erect annual, 100-200 mm, flowers blue and white; 9; Gifberg.
hederacea Sonder - minute annual, ca 30 mm, flowers white; 1; Swellendam, Knysna.
hedyotidea Schltr. - delicate prostrate annual?, flowers blue; 12-2; rock shelters at high alt., Paarl.
longitubus F. Wimmer - tufted erect perennial, 300-400 mm, flowers blue; 11; Riversdale.
minuta (L.) A. DC. - minute tufted annual, flowers lilac; 1; mountains on shale band, Worcester, Hex River Mts.
pygmaea (Thunb.) Sonder - soft spreading annual, flowers blue or white; 9-3; mountains on damp rocks and caves, Piketberg, Ceres to Paarl, Peninsula to Swellendam.
secunda (L.f) Kuntze - soft tufted spreading annual, flowers white, blue or lilac; 11-4; near water, Paarl, Peninsula, Caledon.

LIGHTFOOTIA ca 60 sp - tropical and southern Africa, 1 in Madagascar

adpressa (Thunb.) A. DC. - erect or sprawling rigid shrublet, 600-800 mm, flowers whitish; 12-4; coastal sand, Saldanha to Peninsula, Worcester.
albens Sprengel ex A. DC. - (witmuistepelkaroo); much-branched greyish woody shrublet, 200-400 mm, flowers dull yellow or white; 10-1; dry areas, Caledon, Uitenhage (N and E Cape, Karoo, OFS, Lesotho).

asparagoides Adamson - sprawling shrublet, to 1 m, flowers white; 9; sandy flats, Clanwilliam (Namaqualand).

axillaris Sonder - slender erect leafy shrublet, 150-600 mm, flowers cream; 12-2; upper mountain slopes, Caledon, Bredasdorp.

calcarea Adamson - sprawling shrublet, to 300 mm, flowers white; 10-2; coastal limestone, Bredasdorp, Swellendam.

cinerea (L.f.) Sonder - erect or sprawling grey-leafed shrublet, 300-600 mm, flowers white; 11-5; lower to middle mountain slopes, Swartberg Mts., Caledon to Uitenhage (E Cape).

cordata Adamson - mat-like perennial, flowers white; 1-3; rock crevices at high alt., Swartberg Mts. to Uniondale.

diffusa Buek - erect or sprawling shrublet with reflexed leaves, 150-500 mm, flowers white; 10-5; damp lower slopes, Worcester, Stellenbosch, Ladismith, Peninsula to Port Elizabeth (E Cape).

divaricata Buek - sprawling shrublet, flowers lilac; 1-12; coastal areas, Swellendam to Port Elizabeth (E Cape to Natal).

effusa Adamson - slender branched shrublet, to 250 mm, flowers white; 4; shade, Robertson.

fasciculata (L.f.) A. DC. - slender woody perennial with reflexed leaves, 600-800 mm, flowers cream; 1-4; upper mountain slopes, Ladismith to Uniondale.

longifolia A. DC. - sprawling shrublet, 150-400 mm, flowers white; 12-4; lower slopes and flats, Malmesbury, Peninsula to Caledon.

microphylla Adamson - much-branched wiry shrublet, 150-250 mm, flowers whitish; 2; coastal sands, Bredasdorp.

multicaulis Adamson - low shrublet, 40-80 mm, flowers blue; 12; upper mountain slopes, Cedarberg.

multiflora Adamson - sprawling shrublet, ca 300 mm, flowers blue; 1; sandy flats, Riversdale.

nodosa Buek - rigid much-branched somewhat spiny shrublet with strongly reflexed leaves, 150-450 mm, flowers whitish; 10-5; dry rocky slopes, Ceres, Worcester, Ladismith, Caledon to Uitenhage (widespread in southern Africa).

oppositifolia A. DC. - straggling shrublet, 100-300 mm, flowers white with pink reverse; 1-3; sheltered rocks on lower slopes, Clanwilliam, Worcester to Peninsula, Caledon.

parvifolia (Bergius) Adamson - slender sprawling tangled shrublet, to 450 mm, flowers white with purple reverse; 11-3; sheltered rocks on lower slopes, Stellenbosch, Peninsula, Caledon.

pauciflora Adamson - slender erect shrublet, to 450 mm, flowers white with blue reverse; 1; sandy plateaus, Riversdale.

planifolia Adamson - slender leafy sprawling perennial, 300-400 mm, flowers white with bluish reverse; 1; streamsides, Riversdale.

rigida Adamson - rigid erect shrub with reflexed leaves, to 600 mm, flowers whitish; 11-4; dry rocky upper slopes, Ceres, Worcester to Ladismith, Witteberg, Caledon to Uitenhage.

rubens Buek - branched shrublet, 300-500 mm, flowers white or blue; 1-4; dry lower mountain slopes, Bredasdorp to George, Ladismith to Port Elizabeth (E Cape).

rubioides A. DC. - nearly prostrate perennial, 100-300 mm, flowers white or lilac; 12-3; rock crevices at high alt., Gifberg to Worcester, Paarl, Caledon.

squarrosa Adamson - erect densely leafy shrublet, 150-350 mm, flowers white, bluish on reverse; 4; limestone flats, Bredasdorp, Riversdale.

spicata Buek - straggling shrublet, flowers cream; 9-1; rocky upper mountain slopes, Gifberg, Piketberg, Cedarberg to Worcester, Paarl.

stricta Adamson - shrublet, 150-400 mm, flowers blue; ?; sandy coastal plains, Riversdale, Knysna.

subulata L'Her. - prostrate shrublet, flowers blue, lilac or white; 10-3; stony or gravel lower slopes, Gifberg, Ceres to Peninsula, Caledon to Swellendam.
tenella Lodd. - much-branched sprawling shrublet with strongly reflexed leaves, flowers blue or lilac; 11-5; dry lower (occ. upper) stony slopes, Ceres, Worcester and Caledon to Port Elizabeth (E Cape).
tenuis Adamson - slender sprawling shrublet, flowers white with purple-brown reverse; 12-4; streamsides or marshes, Cape Peninsula.
thunbergiana Buek - erect or spreading shrublet, 150-600 mm, flowers white or lilac; 8-11; dry areas, Gifberg to Worcester, Montagu to Oudtshoorn, Riversdale (Namaqualand, Karoo).
umbellata Adamson - branched, erect or sprawling shrublet, 300-500 mm, flowers white with bluish reverse; ?; coastal sands, Clanwilliam.
unidentata A. DC. - slender, erect or straggling shrublet, 150-400 mm, flowers white or blue; 12-4; lower mountain slopes, Caledon, Riversdale to Humansdorp.

LOBELIA ca 300 sp - cosmopolitan

acutangula (Presl) A. DC. - spreading annual, 300-500 mm, flowers blue; 5; Cape Peninsula?.
alata Labill. - erect or spreading perennial, 150-500 mm, flowers blue, mauve, or white; 11-6; damp places, Peninsula to Port Elizabeth (E Cape to Natal, Australia, Chile).
ardisiandroides Schltr. - spreading pubescent perennial, flowers white or mauve; 11-1; against rocks on upper slopes, George, Uniondale.
barkerae F. Wimmer - erect shrublet, densely leafy below, 200-300 mm incl. scapes, flowers blue; 5-6; limestone hills, Bredasdorp.
bicolor Sims - lax perennial, to 400 mm, flowers blue; 9-12; coastal areas, Peninsula, Caledon, Knysna, Port Elizabeth.
boivini Sonder - pubescent prostrate perennial, flowers blue, mauve, or white; 11-2; coastal rocks, Cape Peninsula.
caerulea Hook. - erect or lax perennial, 300-400 mm incl. scapes, flowers blue; 11-5; George, Port Elizabeth (E Cape to tropical Africa).
capillifolia (Presl) A. DC. - broom-like perennial, 200-500 mm, flowers blue and white; 9-5; Cedarberg to Worcester, Montagu, Piketberg to Riversdale.
capillipes Schltr. - erect shrublet, 0,5-1 m, flowers blue; 12-4; damp hillsides, Bredasdorp.
chamaepitys Lam. - basally branched shrublet, scapes to 100-300 mm, flowers violet-blue; 9-4; mountain slopes, Stellenbosch to Swellendam.
comosa L. - erect basally branched soft shrublet, 300-500 mm, flowers bright blue; 7-5; sand dunes or coastal bush, Paarl, Peninsula, Caledon.
comptonii F. Wimmer - sprawling perennial, 200-350 mm, flowers blue or white; 11-12; sheltered rocks on middle slopes, Cedarberg.
coronopifolia L. - (wild lobelia); basally branched soft shrublet, 100-500 mm, flowers dark blue, pink or white; 10-4; flats and lower slopes, Clanwilliam to Uniondale (E Cape to Natal).
cuneifolia Link & Otto - more or less prostrate perennial?, branches 200-400 mm, flowers pale blue or white; 10-12; forests, George to Port Elizabeth (endemic?).
dasyphylla F. Wimmer - low tufted perennial, 50-200 mm incl. scapes, flowers blue; 1-2; upper mountain slopes, Swellendam.
depressa L.f. - sprawling perennial rooting at nodes, 40-100 mm, flowers white and mauve; 10-2; marshes, Peninsula, Swellendam (E Cape to Natal, Namibia).
dichroma Schltr. - pubescent-leafed shrublet, to 400 mm, flowers rose; 11-1; upper mountain slopes, George.

disperma F. Wimmer - slender sprawling annual, to 150 mm, flowers pale blue; 11; shady damp coastal and inland slopes, Stellenbosch to Caledon.

eckloniana (Presl) A. DC. - slender trailing annual, flowers mauve; 12-4; mountain slopes on damp rocks, Ceres, Paarl, Peninsula, Caledon?.

erinus L. - (wild lobelia); erect or straggling annual, 100-800 mm, flowers blue, violet, pink or white; 1-12; lower mountain slopes, Clanwilliam to Port Elizabeth (E Cape to Natal).

fourcadei Schonl. ms. - nearly leafless flexuose perennial with whorled branches, flowers blue or pink; 10-11; Bredasdorp, Ladismith, Uniondale.

genistoides (Presl) A. DC. - much-branched nearly leafless perennial, to 300 mm, flowers blue; 12; upper mountain slopes, Caledon, George, Knysna.

glaucoleuca Schltr. - many-stemmed perennial, 250-600 mm, flowers blue and white; 12-2; middle slopes, Caledon, Bredasdorp?.

hypsibata F. Wimmer - erect annual, 70-120 mm, flowers white; 1; stony middle slopes, Swellendam.

isotomoides F. Wimmer - slender, sprawling perennial?, flowers purplish; 4; upper mountain slopes, Paarl, Caledon.

jasionoides (A. DC.) F. Wimmer - erect or sprawling perennial, 100-450 mm, flowers lilac and white; 10-2; shady upper slopes, Gifberg, Worcester, Paarl, Peninsula (rare), Caledon to Swellendam.

lasiantha (Presl) A. DC. - soft straggling nearly leafless shrublet, 300-600 mm, flowers deep violet; 9-11; lower mountain slopes, Gifberg, Clanwilliam.

laurentioides Schltr. - sprawling annual?, stems 80-100 mm, flowers lilac or reddish; 12; upper mountain slopes, Caledon.

linearis Thunb. - erect branching perennial, to 500 mm, flowers blue; 10-6; lower slopes, Worcester, Malmesbury, Peninsula?, Caledon, Bredasdorp (W Karoo).

montaguensis F. Wimmer - slender sprawling annual?, stems to 300 mm, flowers blue; 12; middle slopes, George.

muscoides Chamisso - moss-like annual?, flowers lilac; 11-2; damp upper mountain slopes, Swellendam.

neglecta Roemer & Schultes - (wild lobelia); trailing shrublet, 300-400 mm, flowers blue; 1-12; coastal grassland and bush, Bredasdorp to Port Elizabeth (E Cape).

nugax F. Wimmer - spreading annual, stems to 300 mm, flowers pinkish; 1; upper slopes, Ceres.

patula L.f. - spreading annual?, 300-400 mm, flowers blue or white; 11-?; forests, George to Humansdorp (E Cape, Natal).

pinifolia L. - (wild lobelia); erect shrublet, 200-500 mm, flowers blue; 1-12; lower slopes, Ceres to Peninsula, Caledon to Riversdale (Natal, Transvaal).

pubescens Aiton - spreading annual or perennial, stems 100-500 mm, flowers white; 1-12; often sprawling on damp rocks, Tulbagh, Peninsula to Humansdorp.

setacea Thunb. - erect or sprawling perennial, 150-400 mm, flowers blue or violet; 11-4; sandy flats, Worcester, Peninsula, Caledon.

spartioides (Presl) D. Dietr. - broom-like shrublet, 400-700 mm, flowers blue; 8-5; dry fynbos, Montagu to Uniondale, Bredasdorp to George (Karoo).

stenosiphon (Adamson) F. Wimmer - tufted perennial, 100-200 mm incl. scapes, flowers rose-pink, 1-4; upper slopes, Caledon.

tomentosa L.f. - basally branched shrublet, 200-400 mm incl. scapes, flowers blue or violet; 1-12; lower slopes, Oudtshoorn, Caledon to Port Elizabeth (E Cape).

valida L. Bolus - (galjoenblom); erect soft leafy shrublet, 150-600 mm, flowers deep blue; 11-4; coastal hills, Bredasdorp, Riversdale.

zwartkopensis F. Wimmer - spreading annual, stems 30-100 mm, flowers minute, white; 10; stagnant pools on limestone, Uitenhage.

MERCIERA 4 sp - S W Cape

brevifolia A. DC. - low perennial with crowded narrow leaves, 100-300 mm, flowers white; 11-3; stony lower slopes, Tulbagh, Worcester, Paarl, Caledon, Bredasdorp.
eckloniana Buek - perennial with crowded narrow leaves, 100-200 mm, flowers deep violet; 10-3; rocky upper slopes, Tulbagh, Paarl, Caledon.
leptoloba A. DC. - perennial with crowded narrow leaves, 100-300 mm, flowers white; 12-2; sandy lower slopes, Caledon.
tenuifolia (L.f) A. DC. - narrow-leafed perennial, 150-300 mm, flowers violet or blue-purple; 12-3; lower slopes, Tulbagh, Paarl, Caledon.

MICROCODON 4 sp - S W Cape to Namaqualand

glomeratum A. DC. - small annual, 50-300 mm, flowers pale blue to purple; 10-12; sandy flats or slopes, Malmesbury, Peninsula to Caledon (Namaqualand).
hispidulum (Thunb.) Sonder - spreading annual, 60-80 mm, flowers pale blue; 9-11; lower slopes, Clanwilliam to Peninsula, Tulbagh, Swellendam?.
lineare Buek - erect annual, 100-200 mm, flowers white; 10-11; sandy lower slopes, Clanwilliam, Tulbagh.
sparsiflorum A. DC. - annual much-branched from base, 40-80 mm, flowers whitish; 10-11; sandy flats, Worcester, Tulbagh, Peninsula.

MONOPSIS ca 18 sp - tropical and southern Africa

acrodon F. Wimmer - trailing perennial, 100-200 mm, flowers yellow; 10-2; shady rocks on upper slopes, Cedarberg.
arenaria F. Wimmer - prostrate perennial with stems rooting, flowers yellow; 1; sandy flats, Ceres.
aspera (Sprengel) Urb. - prostrate annual, stems 300-500 mm, flowers blue or purple; 11-4; damp coastal areas, George to Port Elizabeth (E Cape, Natal?).
campanulata (Lam.) Sonder - loosely erect annual, 40-200 mm, flowers purple; 9-2; wet slopes and flats, Clanwilliam to Malmesbury (W Karoo, Namaqualand).
flava (Presl) F. Wimmer - straggling perennial, 300-500 mm, flowers yellow; 10-12; mountain slopes, Ceres, Tulbagh.
lutea (L.) Urb. - (yellow lobelia); straggling or prostrate perennial, 100-600 mm, flowers yellow; 11-4; damp flats and lower slopes, Clanwilliam to Peninsula, Caledon to Riversdale (W Karoo).
scabra (Thunb.) Urb. - (wild violet); erect or straggling perennial, 150-300 mm, flowers purple and brown; 10-1; damp places, Mossel Bay to Uitenhage (E Cape to Transvaal).
simplex (L.) F. Wimmer - tufted annual, 30-250 mm, flowers purple; 9-12; lower slopes and flats, Clanwilliam, Worcester, Piketberg to Peninsula, Caledon, Swellendam, Uitenhage (W Karoo, Australia).
stricta (Presl) F. Wimmer - erect perennial, to 150 mm, flowers violet; 12; damp rocky slopes, George.
unidentata (Aiton) F. Wimmer - straggling perennial, stems 200-600 mm long, flowers purple or white; 10-1; sandy damp areas, Swellendam, Ladismith?, Mossel Bay to Uitenhage (E Cape).
variifolia (Sims) Urb. - densely leafy perennial, 50-100 mm, flowers yellow; 11-12; damp areas, Tulbagh, Worcester.

PRISMATOCARPUS 31 sp - mainly southern Africa, 1 in tropical Africa

alpinus (Bond) Adamson - mat-like perennial, flowers blue; 12-1; mountain summits, Ceres, Worcester, Caledon.

altiflorus L'Her. - slender shrublet, 300-900 mm, flowers bright blue; 11-12; supported by bushes on sandy lower slopes, Clanwilliam, Ceres.

brevilobus A. DC. - erect or sprawling slender shrublet, 200-300 mm, flowers white and blue; 12-5; mountain slopes, Clanwilliam to Worcester, Paarl, Stellenbosch, Caledon, Ladismith.

campanuloides (L.f.) Sonder - erect or sprawling shrublet, 300-750 mm, flowers white or bluish; 12-4; dry mountain slopes, Tulbagh, Worcester, Robertson, Caledon to Port Elizabeth (E Cape).

candolleanus Cham. - erect branching shrublet, 150-500 mm, flowers lilac or white; 12-1; lower rocky slopes, Oudtshoorn, Swellendam to George.

cliffortioides Adamson - stout erect shrub, 200-900 mm, flowers pale blue; 1-4; mountain slopes, Riversdale, Mossel Bay.

cordifolius Adamson - more or less sprawling perennial, 300-600 mm, flowers cream; 1; after fires, sheltered lower rocky places on slopes, Caledon.

crispus L'Her. - annual, 200-500 mm, flowers blue or lilac, 11-12; disturbed sites, Piketberg, Clanwilliam to Worcester, Caledon (S Namaqualand, E Cape).

debilis Adamson - sprawling or prostrate perennial, 100-400 mm, flowers white or blue; 12-1; rocky upper mountain slopes, Ceres, Tulbagh, Worcester, Caledon, Swellendam.

decurrens Adamson - low-growing tufted perennial, to 300 mm, flowers blue; 12-3; upper mountain slopes, Cedarberg.

diffusus (L.f) A. DC. - tufted shrublet, 150-450 mm, flowers violet, occ. white; 11-2; rocky mountain slopes, Piketberg, Clanwilliam to Worcester, Paarl, Caledon (Namaqualand).

fastigiatus Presl ex A. DC. - tufted shrublet, to 500 mm, flowers white or lilac; ?; Caledon to Bredasdorp (poorly known).

fruticosus L' Her. - erect or straggling shrublet, 500-900 mm, flowers white or blue with dark reverse; 11-4; Cedarberg, Tulbagh, Worcester to Peninsula, Caledon, Robertson to Uniondale (Karoo).

hispidus Adamson - sprawling shrublet, 200-600 mm, flowers white; 1; rocky middle slopes, Mossel Bay.

implicatus Adamson - loosely sprawling and tangled perennial, flowers white; 4; sheltered among rocks at high alt., Tulbagh.

lasiophyllus Adamson - slender sprawling perennial, stems to 250 mm, flowers pale blue; 1-3; rocky upper mountain slopes, Swellendam.

lycioides Adamson - nearly spinous much-branched low shrub, to 400 mm, flowers white; 5-6; karroid areas, Worcester.

lycopodioides A. DC. - sprawling perennial, 100-200 mm, flowers white; 11-1; among rocks on upper slopes, Paarl, Worcester.

nitidus L' Her. - prostrate perennial, stems 300-400 mm, flowers white or lilac; 1-3; rock crevices at upper alt., Paarl, Worcester, Peninsula.

pauciflorus Adamson - tufted shrublet, flowers pale violet; 1-2; rocks at high alt., Cedarberg.

pedunculatus (Bergius) A. DC. - erect or sprawling shrublet, 150-600 mm, flowers blue, violet or white; 9-1; sandy slopes or flats, Clanwilliam to Worcester, Piketberg, Malmesbury, Caledon to Riversdale (S Namaqualand).

rogersii Fourc. - slender sprawling shrublet, 150-400 mm, flowers white; 11-1; bushy mountain slopes, George.

schlechteri Adamson - much-branched shrublet, 300-600 mm, flowers whitish; 12-2; lower mountain slopes, Caledon, Bredasdorp.
sessilis Ecklon ex A. DC. - wiry sprawling much-branched annual or perennial herb, flowers white or blue; 12-3; damp, sandy flats or slopes, Peninsula, Caledon, Swellendam.
spinosus Adamson - spiny-leafed erect shrub, flowers white or lilac; 12-2; summits of rocky hills, Bredasdorp.
tenellus Oliver - slender trailing perennial, 100-500 mm, flowers white or pale blue; 1-3; sheltered rock ledges at high alt., Worcester.
tenerrimus Buek - much-branched shrublet, 100-300 mm, flowers white or lilac; 1-3; upper mountain slopes, Paarl, Caledon to Riversdale, Prince Albert.
virgatus Fourc. - erect shrublet, 400-600 mm, flowers white or blue; 12-4; upper slopes, George, Oudtshoorn, Uniondale.

RHIGIOPHYLLUM 1 sp - S W Cape

squarrosum Hochst. - rigid densely leafy erect shrublet, 250-500 mm, flowers deep blue; 11-1; south-facing sandstone slopes, Caledon, Bredasdorp.

ROELLA ca 25 sp - mainly S W Cape, 1 in Natal

amplexicaulis Wolley-Dod - rigid shrublet, 300-500 mm, flowers white, occ. blue; 11-4; rocky coastal slopes, Cape Peninsula.
arenaria Schltr. - sprawling shrublet, 200-400 mm, flowers white or pale blue; 12; coastal in sandy soil, Malmesbury, Caledon, Bredasdorp.
bryoides Buek - slender, sprawling shrublet, 250-400 mm, flowers white or pale blue; 12-2; dry lower slopes, Malmesbury, Caledon (Namaqualand).
ciliata L. - erect or sprawling shrublet, 150-600 mm, flowers large, blue or mauve with dark markings; 7-3; sandy or rocky lower slopes, Worcester, Tulbagh to Peninsula, Caledon.
compacta Schltr. - much-branched nearly prostrate shrublet, stems 100-300 mm, flowers pale blue or white; 12-2; limestone areas, Peninsula, Bredasdorp.
cuspidata Adamson - prostrate shrublet, stems 150-500 mm, flowers white or blue; 12-2; lower clay or gravel slopes, Caledon, Bredasdorp.
decurrens L'Her. - annual but woody below, 100-350 mm, flowers white or pale blue; 1-4; east-facing upper mountain slopes, Cape Peninsula.
dregeana A. DC. - erect or sprawling, slender perennial, 100-200 mm, flowers blue or white; 1-3; upper mountain slopes, Worcester, Tulbagh, Paarl, Caledon.
dunantii A. DC. - much-branched low shrublet, 30-150 (to 250) mm, flowers blue or white; 11-1; flats or lower slopes, Stellenbosch, Peninsula, Caledon.
goodiana Adamson - much-branched low shrublet, to 80 mm, flowers white; 2-4; sand, Cape Peninsula.
incurva A.DC. - erect or sprawling shrublet, 200-400 mm, flowers blue or white, with dark markings; 10-1; lower slopes, Tulbagh to Peninsula, Caledon to Swellendam.
latiloba A. DC. - shrublet, 150-300 mm, flowers white or pale blue; ?; low hills, Clanwilliam, Bredasdorp.
lightfootioides Schltr. - prostrate or semi-erect shrublet, 40-150 mm, flowers white; 1-3; sandy lower slopes, Caledon.
maculata Adamson - much-branched somewhat sprawling shrublet, 200-350 mm, flowers violet-blue, occ. white with dark spots; 12-2; sandy lower slopes, Caledon.
muscosa L.f. - mat-like prostrate perennial, flowers blue; 1-2; damp sand at high alt., Stellenbosch, Peninsula, Caledon.

prostrata E. Meyer ex A. DC. - sprawling shrublet, 150-500 mm, flowers white or blue; 12-4; coastal flats, Malmesbury, Paarl to Peninsula, Caledon.
psammophila Schltr. - small erect shrublet, 100-150 mm, flowers white; 1-3; coastal slopes, Caledon.
recurvata A. DC. - much-branched low shrublet, 50-150 mm, flowers large, blue or white; 1-4; coastal flats, Cape Peninsula.
rhodantha Adamson - sprawling shrublet, to 200 mm, flowers red or pink; 11-1; rocky mountain slopes, Bredasdorp.
secunda Buek - prostrate to suberect shrublet, 300-500 mm, flowers white; 12-3; dry lower mountain slopes, Bredasdorp to Uitenhage, Montagu, Oudtshoorn.
spicata L.f. - erect or sprawling shrublet, 200-400 mm, flowers white; 10-2; mountain slopes, Prince Albert, Caledon to Port Elizabeth (E Cape).
squarrosa Bergius - (resembles **R. decurrens**); but perennial shrublet, 250-600 mm, flowers blue or white; 12-3; upper slopes, Cape Peninsula.
triflora (Good) Adamson - erect shrublet, 100-300 mm, flowers bluish-mauve with dark zone; 12-5; sandy lower slopes, Cape Peninsula.

SIPHOCODON 2 sp - S W Cape

debilis Schltr. - flexuose shrublet with slender branches, 100-200 mm, flowers blue or white; 1-4; sandy upper slopes, Caledon.
spartioides Turcz. - slender-stemmed wiry shrublet, 200-600 mm, flowers blue or purple; 12-4; rocky middle slopes, Paarl, Caledon, Swellendam.

THEILERA 1 sp - interior S W Cape

guthriei (L. Bolus) E. Phillips - erect shrublet with slender stems, 100-300 mm, flowers blue or purple; 1-5; upper slopes, Witteberg, Ladismith to Uniondale, Mossel Bay.

TREICHELIA 1 sp - S W Cape

longebracteata (Buek) Vatke - dwarf coarse annual, 50-150 mm, flowers white or blue; 11-12; disturbed ground, Peninsula, Caledon, Worcester.

UNIGENES 1 sp - Cape Peninsula and Caledon

humifusa (A. DC.) F. Wimmer - slender prostrate annual, stems 60-100 mm, flowers white to bluish; 12-2; damp mid to upper slopes, Peninsula, Caledon.

WAHLENBERGIA ca 200 sp - chiefly S temperate

androsacea A. DC. - (incl. **W. arenaria** A. DC.) (hare-bell); tufted annual, 50-400 mm incl. scapes, flowers white to pale blue; 9-11; sandy flats, Clanwilliam, Worcester, Piketberg to Peninsula (southern and tropical Africa).
annularis A. DC. - (resembles **W. androsacea**); annual, flowers large, blue or mauve; 8-12; Gifberg, Clanwilliam (Namaqualand, Transvaal).
annuliformis Brehmer - erect annual? branched from base, to 500 mm, flowers blue; 10; Clanwilliam, Hopefield (poorly known).
brachycarpa Schltr. - much-branched annual?, 60-120 mm, flowers blue; 9-11; stony flats and slopes, Clanwilliam.
capensis (L.) A. DC. - erect pubescent annual, 150-800 mm, flowers dull blue or greenish; 9-12; sandy slopes, Clanwilliam to Peninsula, Worcester, Caledon.
capillacea (Thunb.) A. DC. - slender perennial, to 450 mm, flowers blue or purple; 1-7; grassy slopes, Knysna to Port Elizabeth (E Cape to tropical Africa).

cernua (Thunb.) A. DC. - erect or sprawling annual, 50-600 mm, flowers blue, white or mauve; 11-12; sandy mountain slopes, Tulbagh, Peninsula, Caledon, Swellendam (Natal).
ciliolata A. DC. - tufted perennial?, 50-100 mm, flowers blue; 10-11; Paarl, Peninsula? (poorly known).
compacta Brehmer - branched perennial?, to 350 mm, flowers blue; 11; Malmesbury (poorly known).
constricta Brehmer - perennial, 250-350 mm, flowers blue; 9; sandy flats, Clanwilliam.
costata A. DC. - branched annual, to 100 mm, flowers blue; 9-12; Ceres (Namaqualand).
debilis Buek - small flexuose annual, to 80 mm; 9; sandy places, Malmesbury.
decipiens A. DC. - intricately branched perennial, 80-150 mm, flowers white or blue; 9-10; rock crevices near streams, Clanwilliam.
dichotoma A. DC. - tufted annual, 80-300 mm incl. scapes, flowers pale blue or lilac; 9-10; Clanwilliam, Porterville (W Karoo).
distincta Brehmer - perennial, 200-300 mm, flowers blue; 9; Clanwilliam (poorly known).
dunantii A. DC. - slender annual, 50-100 mm, flowers blue; 10; sandy lower slopes, Cape Peninsula.
ecklonii Buek - erect or straggling perennial, 150-300 mm, flowers blue; 10-12; rocky slopes, Cedarberg to Worcester, Piketberg, Paarl, Caledon, Oudtshoorn (Namaqualand).
exilis A. DC. - much-branched delicate annual, 50-300 mm, flowers white; 10-1; sand or gravel, Tulbagh, Paarl to Peninsula, Caledon, Riversdale.
fruticosa Brehmer - slender erect shrublet, 300-500 mm, flowers white or pale mauve; 2-5; lower mountain slopes, Riversdale.
glandulosa Brehmer - tufted perennial, to 200 mm, flowers bluish-violet with dark spots; 9; Clanwilliam.
gracilis E. Meyer - tufted perennial, to 200 mm, flowers blue; 9-1; Clanwilliam, Paarl (S Namaqualand, Transvaal).
hispidula (Thunb.) A. DC. - sprawling annual or perennial, to 100 mm; 11; sandy flats, Malmesbury.
maculata Brehmer - sprawling annual or perennial, flowers blue; 9-1; Clanwilliam, Ceres (endemic?).
masonii A. DC. - slender branched annual, 50-200 mm, flowers blue; 9-11; Clanwilliam.
meyeri A. DC. - slender tufted annual, 100-300 mm, flowers white; 7-10; lower and middle slopes, Cedarberg (Namaqualand).
mollis Brehmer - erect perennial?, to 200 mm; 11; Paarl (poorly known).
obovata Brehmer - annual or perennial, 400-750 mm, flowers white to pale blue; 9-2; damp lower slopes, Worcester to Peninsula, Riversdale (Namaqualand, Natal).
oligotricha Schltr. & Brehmer - erect perennial, to 200 mm, flowers?; 9; Caledon (poorly known).
oocarpa Sonder - slender annual, 40-150 mm, flowers blue; 10; sand dunes, Uitenhage.
paniculata (Thunb.) A. DC. - much-branched slender annual, to 100 mm, flowers blue or white; 12-2; Ceres, Piketberg, Malmesbury, Worcester.
pilosa Buek - much-branched erect or spreading annual, 100-300 mm, flowers blue; 9-12; sandy flats, Clanwilliam, Piketberg, Ceres (W Karoo).
polychotoma Brehmer - erect perennial, 500-700 mm, flowers blue; 10-1; Uitenhage (E Cape).

procumbens (Thunb.) A. DC. - (wild violet); trailing annual or perennial rooting at nodes, flowers white, blue or mauve; 11-4; damp sheltered slopes, Worcester, Stellenbosch, Peninsula to Port Elizabeth (E Cape).
ramulosa E. Meyer - slender branched annual, 50-100 mm, flowers blue; 9-11; sandy flats, Ceres?, Piketberg, Swellendam.
sessiliflora Brehmer - leafy dwarf annual, 30-140 mm, flowers blue; 9; Tulbagh, Piketberg, Malmesbury.
sphaerica Brehmer - erect annual, to 300 mm, flowers blue; 10-11; middle slopes, Cedarberg.
subpilosa Brehmer - slender pubescent annual, 100-180 mm, flowers blue or white; 11-12; Cape Peninsula.
subrosulata Brehmer - tufted annual, 250-300 mm; 8-10; lower mountain slopes, Tulbagh, Malmesbury, Swellendam (Namaqualand, Namibia).
undulata (Thunb.) A. DC. - rigid annual with undulate leaves, 150-400 mm, flowers blue, occ. white or mauve; 11-3; varied habitats, Tulbagh, Malmesbury, George to Port Elizabeth (E Cape, tropical Africa).

CAPPARACEAE

CADABA ca 30 sp - tropical and southern Africa, Arabia, India, Madagascar, Australia

aphylla (Thunb.) Wild - (bobbejaanarm, swartstormbos); leafless often tangled shrub, to 2 m, flowers red, occ. yellow; 8-4; karroid areas, Riversdale, Oudtshoorn to Uitenhage (dry parts of southern and tropical Africa).

CAPPARIS ca 250 sp - pantropical and subtropical

sepiaria L. - (Cape caper, kapkappertjie); much-branched spiny shrub or scrambler, 1-2 m, flowers white; 8-1; coastal scrub, Riversdale to Port Elizabeth (E Cape to tropical Africa).

MAERUA ca 100 sp - tropical and southern Africa, Asia

caffra (DC.) Pax - (bush-cherry, wildeboshout, witbos); shrub or small tree, 1-8 m, flowers greenish; 8-10; coastal bush or forests, Humansdorp to Port Elizabeth (E Cape to E Transvaal).
racemulosa (A. DC.) Gilg & Benedict - (forest bush cherry, witboshout); shrub or scrambler, 1-3 m, flowers whitish; 5-7; coastal forests, Knysna to Port Elizabeth (E Cape to Natal).

CARYOPHYLLACEAE

CERASTIUM ca 60 sp - cosmopolitan

capense Sonder - (horingblom); erect pubescent annual, 50-400 mm, flowers white; 9-10; sheltered mountain slopes, Tulbagh, Worcester to Peninsula, Caledon (widespread weed in southern Africa).
***viscosum** L. - as **C. capense** but flowering 7-10; Clanwilliam, Peninsula, Uitenhage (widespread in S Africa, introduced from Europe).

DIANTHUS ca 300 sp - Africa, Europe, Asia

albens Aiton - (wild pink, wilde-angelier); tufted or straggling perennial, 100-300 mm, flowers pink or white; 11-4; sandy flats or slopes, Ceres, Worcester to Paarl, Peninsula to Mossel Bay.

basuticus Burtt Davy - densely tufted perennial, scapes to 150 mm, flowers pink to purple; 11-4; mountain slopes, Uniondale, Uitenhage (eastern S Africa).
bolusii Burtt Davy - (wild pink, wilde-angelier); tufted perennial, 100-400 mm, flowers purple or yellow-green; 11-1; rocky slopes, Clanwilliam to Worcester, Paarl, Caledon, George, Humansdorp.
caespitosus Thunb. - loosely tufted or spreading perennial, 100-300 mm, flowers pink or purple; 11-1; drier slopes, Caledon, Montagu to Oudtshoorn, Swellendam to Uitenhage.
crenatus Thunb. - stout perennial, 250-600 mm, flowers pink; 10-1; George, Uitenhage, Port Elizabeth (E Cape to Natal).
holopetalus Turcz. - erect perennial, 200-400 mm, flowers pink; 11-12; Tulbagh, Malmesbury, Swellendam?.
laingsburgensis Hooper - slender scapes from densely tufted and woody base, 100-200 mm, flowers white or pink; 10-12 (3?); rocky upper slopes, Nieuwoudtville, Witteberg (W Karoo, Namaqualand).
thunbergii Hooper - loosely tufted or spreading, 100-400 mm, flowers pink; 11-2; mountain slopes, Bredasdorp, Oudtshoorn, Riversdale, Uitenhage, Port Elizabeth (E Cape).

POLYCARPON ca 16 sp - cosmopolitan in warm and temperate areas

***tetraphyllum** L.f. - (naaldvrug); prostrate or suberect annual, 100-200 mm, flowers green and white; 9-12; weed of waste places, Clanwilliam to Port Elizabeth (widespread in S Africa, Europe and warmer temperate areas).

SILENE ca 500 sp - worldwide in temperate to warm areas

bellidioides Sonder - soft perennial with leaves mainly basal, 300-600 mm, flowers white; 10-1; often near streams, Stellenbosch, Caledon, Knysna, Uitenhage (Karoo, Namaqualand, E Cape to Transvaal).
burchelli Otth ex DC. - (gunpowder plant, kruitbossie); soft erect perennial, 250-700 mm, flowers cream or pink; 8-1; sandy flats or rock crevices, Peninsula to Port Elizabeth (E Cape to tropical Africa).
capensis Otth - (wild tobacco, wildetabak); soft perennial, 0,5-1 m, flowers white; 9-4; mountain slopes, Gifberg, Clanwilliam, Ladismith to Uniondale, Caledon, George (E Cape to Natal).
***clandestina** Jacq. - (? = S. cretica L.); annual, 100-400 mm, flowers white or cream; 8-11; sandy flats, Saldanha Bay to Peninsula, Uitenhage (S Namaqualand, introduced from Europe).
crassifolia L. - sprawling perennial, to 600 mm, flowers yellow or mauve; 10-1; sand dunes, Malmesbury to Peninsula.
dewinteri Bocq. - annual, 70-200 mm, flowers whitish; 8-9; semi-stabilised dunes, Malmesbury, Peninsula, Caledon.
***gallica** L. - (gunpowder weed, Franse silene); pubescent or sticky annual, to 400 mm, flowers white or pink; 9-2; widespread weed in S W Cape (nearly cosmopolitan).
mundiana Ecklon & Zeyher - slender sprawling perennial, to 200 mm, flowers white or pink; 9; coastal bush, Plettenberg Bay.
ornata Aiton - (wild tobacco, wildetabak); erect sticky perennial, 250-900 mm, flowers crimson or pink; 8-11; sandy coastal areas, Clanwilliam, Malmesbury, Peninsula, Caledon.
primuliflora Ecklon & Zeyher - (resembles **S. crassifolia** L.); flowers mauve or pink; 8; sand dunes, Knysna, Uitenhage, Port Elizabeth (E Cape to Natal).
thunbergiana Ecklon & Zeyher - (? = **S. burchellii** Otth); perennial, to 600 mm, flowers pink or purple; 10-11; middle slopes, Cape Peninsula.

undulata Aiton - (? = **S. capensis** Otth) (wild tobacco, wildetabak); pubescent or sticky annual or perennial, 150-800 mm, flowers white or pink; 7-12; shade between rocks, Clanwilliam, Paarl to Peninsula, Caledon (widespread in southern and S tropical Africa).

SPERGULA ca 5 sp - temperate parts of the world

***arvensis** L. - (corn spurry, sporrie); erect or sprawling annual, 150-200 mm, flowers white; 6-10; widespread weed in S W Cape (cosmopolitan).

SPERGULARIA ca 40 sp - cosmopolitan

***macrorhiza** (Req.) Heynh. - compact perennial, woody below, leaves fleshy, flowers white; 11-1; coastal rocks, Cape Peninsula (cosmopolitan).
***marina** (L.) Griseb. - sprawling perennial, 100-250 mm, flowers purplish or white; 11-1; vleis or marshes, Cape Peninsula (cosmopolitan).
***media** (L.) C. Presl - (sea spurry); sprawling perennial from woody base, 150-500 mm, flowers white or pink; 10-1; coastal or inland marshes, widespread in S W Cape (cosmopolitan weed).
***rubra** (L.) J. & C. Presl - prostrate annual or perennial, 100-200 mm, flowers pink, purple or white; 9-12; dry open places, Ceres, Piketberg, Tulbagh, Stellenbosch, Peninsula, Uitenhage (Namaqualand, Europe).

STELLARIA ca 100 sp - cosmopolitan

***media** (L.) Villars - (chickweed, starwort, gewone sterremuur); erect or sprawling annual rooting at nodes, 150-300 mm, flowers white; 6-11; disturbed soils, widespread in S W Cape (cosmopolitan weed).

CELASTRACEAE

CASSINE ca 40 sp - S Africa to Pacific Is.

aethiopica Thunb. - (koeboebessie); shrub or tree to 12 m, fruit red; 6-1; flowers yellow green; 11-4; coastal forests, George to Port Elizabeth (E Cape to tropical Africa).
crocea (Thunb.) Kuntze - (red saffronwood, rooisaffraan); spreading tree to 13 m, fruit oval, yellow; 3-9; flowers greenish; 12-6; coastal forests, Uitenhage (E Cape to Natal).
eucleiformis (Ecklon & Zeyher) Kuntze - (white sybas, witsybas); tree, 4-10 m, fruit white or yellowish; 11-2; flowers whitish; 9-11; forest margins, George to Port Elizabeth (E Cape to Transvaal).
maritima (Bolus) L. Bolus - scrambling shrub, 600-900 mm, fruit white; 4-1; flowers whitish; 3-8; sand dunes, Peninsula to Port Elizabeth (E Cape).
papillosa (Hochst.) Kuntze - (saffron wood, gewone saffraan); shrub or tree, 4-5 m, fruit ovoid, lemon-yellow; flowers whitish; mainly 10-11; coastal forest margins or inland kloofs, George to Port Elizabeth (E Cape to tropical Africa).
parvifolia Sonder - (mountain saffron wood, bergsaffraan); shrub or tree, 2-5 m, fruit globose, with bluish bloom; 10-12; flowers white and red; 8-10; Ceres, George, Humansdorp.
peragua L. - (bastersaffraan, lepelhout); large shrub or tree, 3-10 m, fruit purple or black; 1-10; flowers cream; 1-6; forests or open slopes, Malmesbury, Peninsula to Port Elizabeth (E Cape to Transvaal).

tetragona (L.f) Loes. - (ranksaffraan); scrambling shrub or small tree, 3-5 m, fruit red; flowers yellow-green; 8-12; dune scrub or forests, Caledon, George to Port Elizabeth (E Cape to Transvaal).

EMPLEURIDIUM 1 sp - S W Cape

juniperoides Sonder & Harvey - low shrublet with needle-like leaves, 200-400 mm, flowers minute, whitish; 12-4; mid to upper mountain slopes, Caledon.

HARTOGIELLA 1 sp - S W to E Cape
(= **Hartogia**)

schinoides (Sprengel) Codd - (spoonwood, lepelhout); shrub or tree, 3-6 m, fruit reddish-brown; 12-4; flowers white; 8-1; rocky slopes or wooded ravines, Gifberg to Peninsula, Worcester, Caledon to Knysna (E Cape).

MAUROCENIA 1 sp - S W Cape

frangularia (L.) Miller - (hottentot's cherry, hottentotskersie); shrub or small rigid tree, 3-5 m, fruit red; 4-6, flowers white; 7; coastal bush, Saldanha Bay to Peninsula, Caledon.

MAYTENUS ca 225 sp - cosmopolitan, mainly tropical

acuminata (L.f.) Loes. - (silky bark, sybas); unarmed shrub or tree, 8-15 m, fruit yellow, splitting; 5-11; flowers white or pink; 1-12; forest margins or rocky slopes, Clanwilliam to Port Elizabeth (E Cape to tropical Africa).

capitata (E. Meyer ex Sonder) Marais - rigid spiny shrub, to 1,2 m, fruits orange with red seeds; 4-?; flowers cream; 1-5; dry scrub, Uitenhage (E Cape).

heterophylla (Ecklon & Zeyher) N. Robson - (gewone pendoring); spiny or spineless tree or shrub, 4-9 m, fruit yellow or brown; 1-12; flowers white, scent unpleasant; 9-12; widespread in S W Cape (southern and tropical Africa).

lucida (L.) Loes. - (Cape maytenus); much-branched unarmed shrub, 0,6-1,2 m, fruit light brown; 5-9; flowers whitish; 7-8; coastal bush, Malmesbury, Peninsula to Bredasdorp.

nemorosa (Ecklon & Zeyher) Marais - (witbospendoring); spiny shrub, to 2 m, fruit reddish; 10-6; flowers white; 9-3; coastal forests, Knysna to Port Elizabeth (E Cape to Zululand).

oleoides (Lam.) Loes. - (klipkershout); unarmed shrub or tree, 2-6 m, fruit brown to orange; 11-1; flowers white with brown flecks; 4-9; rocky slopes, Gifberg to Peninsula, Worcester to Ladismith, Swellendam to Uitenhage (Karoo).

peduncularis (Sonder) Loes. - (Kaapse swarthout); unarmed tree, to 8 m, fruit greenish; mainly 9-11; flowers greenish-yellow; 3-8; near forest streams, Knysna, Humansdorp (E Cape to Transvaal).

polyacantha (Sonder) Marais - (kraal spike-thorn, kraalpendoring); heavily armed shrub or tree, to 4 m, fruit reddish-brown; 5-8; flowers white; 2-5; dry woodland, Uitenhage (E Cape, Karoo to Transvaal).

procumbens (L.f.) Loes. - (duinekokoboom); low shrub or small tree, to 3 m, fruit yellow, seeds orange; 8-1; flowers cream; 4-7; coastal dune forests, Riversdale to Port Elizabeth (E Cape to tropical Africa).

undata (Thunb.) Blakelock - (kokoboom); shrub or tree, to 3 m, fruit yellow, seeds orange; mainly 12-7; flowers yellowish; 11-3; coastal bush, Uitenhage (E Cape to tropical Africa).

PTEROCELASTRUS 4 or 5 sp - tropical and southern Africa

rostratus (Thunb.) Walp. - (red cherrywood, rooikershout); tree, 7-20 m, fruit brown with yellow tubercles; 8-12; flowers yellowish; 4-6; forests, Peninsula to Swellendam (E Cape, Transvaal).

tricuspidatus (Lam.) Sonder - (cherrywood, kershout); shrub or small tree, 4-7 m, fruit orange with winged tubercles; 7-3; flowers whitish; 5-11; dune scrub or forests, Ladismith, Malmesbury, Peninsula to Port Elizabeth (to Transvaal).

PUTTERLICKIA 2 sp - S W Cape to Transvaal, Namibia

pyracantha (L.) Szyszyl. - (basterpendoring); spiny shrub, 2-3 m, fruit a red woody capsule; 2-9; flowers white; 11-4; riverbanks or coastal scrub, Clanwilliam to Peninsula, Swellendam to Port Elizabeth (E Cape, Transkei, Namibia).

CERATOPHYLLACEAE

CERATOPHYLLUM ca 10 sp - cosmopolitan

demersum L. - aquatic perennial with divided stems and whorled narrow leaves, flowers and fruits inconspicuous; ?; coastal vleis, George (Natal, Namibia, cosmopolitan).

CHENOPODIACEAE

ATRIPLEX ca 200 sp - temperate and subtropical

austroafricana Aellen - prostrate grey or red annual, branches 100-700 mm, flowers inconspicuous; 11-3; vleis or swamps, Peninsula, Caledon.

cinerea Poiret - (= A. bolusii Wright var. adamsonii Aellen) (salt bush); prostrate to erect grey shrub, to 1 m; ?; coastal sand or mud, Cape Peninsula (Namaqualand, Namibia).

***halimus** L. - (salt bush); greyish shrub, to 600 mm, flowers yellowish; 1-12; saline areas, Montagu, Oudtshoorn, Swellendam to Port Elizabeth (Namaqualand, Karoo, E Cape, introduced from Australia).

***semibaccata** R. Br. - (salt bush); prostrate perennial, stems to 600 mm, fruit reddish; 1-12; waste ground, Clanwilliam to Peninsula, Worcester, Montagu (dry parts of southern Africa, introduced from Australia).

BLACKIELLA 3 sp - Australia

***inflata** (F. Muell.) Aellen - (= Atriplex halimoides Lindley); silvery perennial or shrublet, 150-300 mm, fruit spongy, inflated; 5-10; Malmesbury, Ladismith (Karoo, Namaqualand, introduced from Australia).

CHENOLEA 4 sp - S Africa, Mediterranean

diffusa Thunb. - (soutbossie); sprawling silver to reddish mat-like perennial, 150-400 mm x 1 m, flowers inconspicuous; 2-4; coastal rocks, Saldanha to Peninsula, Caledon to Port Elizabeth (E Cape to Natal).

CHENOPODIUM 100-150 sp - temperate

***album** L. - (withondebossie, varkbossie); annual to 1,5 m, flowers greenish; 1-12; disturbed soil, Peninsula and Worcester to Port Elizabeth (widespread cosmopolitan weed).

*ambrosioides L. - (wormseed, goosefoot, kruiehondebossie); annual to 1,2 m, flowers yellow-green; 2-5; disturbed soil, Clanwilliam, Peninsula, Stellenbosch, Humansdorp, Uitenhage (widespread cosmopolitan weed).
*murale L. - (nettle-leaved goosefoot, muurhondebossie); annual, 200-900 mm, flowers green; 5-11; waste land, often near water, Worcester to Peninsula, George to Port Elizabeth (cosmopolitan weed).

EXOMIS 1 sp - S W Cape, dry areas of southern Africa

microphylla Aellen - (brakbossie, hondebossie); grey-leafed shrub, 300-900 mm, flowers hidden by bracts; 1-4; stony hillsides, often coastal, Clanwilliam to Peninsula, Caledon, Knysna, Uitenhage (E Cape, Karoo, Namibia).

HALOPEPLIS ca 3 sp - S W Cape, Mediterranean, Asia

amplexicaulis (Vahl) Ung.-Sternb. - low red or purple annual, 50-120 mm, flowers minute; 2-3; pans or tidal channels, Malmesbury, Peninsula.

MANOCHLAMYS 1 sp - S W Cape to Namibia

albicans (Aiton) Aellen - (hondebossie); grey-leafed shrub, to 2 m, flowers in fleshy terminal spikes, red or yellow; 9-1; stony hillsides, Clanwilliam to Worcester, Malmesbury to Peninsula (Namaqualand, Namibia).

SALICORNIA ca 40 sp - cosmopolitan halophyte

meyeriana Moss ex Adamson - (glasswort, marsh samphire); annual with green or red jointed stems, 50-200 mm, flowers hidden in nodes; 3-4; sheltered salt marshes and estuaries, Clanwilliam, Malmesbury, Peninsula to Bredasdorp (S Namaqualand).
uniflora Tolken - (glasswort); very similar to above; Malmesbury (Namibia).

SALSOLA ca 150 sp - cosmopolitan, mainly in arid saline areas

adversariifolia Botsch. - dwarf woody shrublet with small leaves, flowers minute; 1; shallow saline pans, Worcester (S Namaqualand, OFS).
aphylla L.f. - (lye bush, asbossie, gannabossie); dwarf woody shrublet, leaves small, flowers minute; ?; Caledon, Worcester (Namibia).
***australis** R. Br. - (= **S. kali** L.) (roly-poly, Russian thistle, rolbossie); low rounded shrub with spiny leaves; arid sandy flats throughout S W Cape (southern Africa, introduced from Europe).
tuberculata (Moq.) Fenzl - (blomkoolbossie, koolganna); dwarf, woody shrublet, leaves small, flowers minute; ?; locality uncertain (Karoo).
verdoorniae Tolken - dwarf woody small-leafed shrublet, flowers minute; ?; quartzite gravel; Ladismith.

SARCOCORNIA ca 30 sp - palaeotropics and N America
(= **Arthrocnemum**)

capensis (Moss) A.J. Scott - (seekraal); prostrate shrublet with many erect branches, 50-200 mm, flowers minute, hidden by bracts in terminal spikes; 4-6; estuaries, Stellenbosch, Peninsula, Caledon, Port Elizabeth.
decumbens (Tolken) A.J. Scott - sprawling barely woody perennial, to 500 mm, flowers minute, hidden by bracts; ?; estuaries, Bredasdorp to Port Elizabeth (E Cape?).

littorea (Moss) A.J. Scott - (koraalbos, lidjiesbos); erect woody shrub to 1 m, flowers minute, hidden in bracts; 9-12; rocky beaches, Malmesbury, Peninsula, Riversdale, Port Elizabeth (E Cape, Namaqualand).
mossiana (Tolken) A.J. Scott - erect much-branched shrub, to 500 mm, flowers minute, hidden in bracts; ?; inland marshes or riverbanks, Caledon to Riversdale, Montagu.
natalensis (Bunge ex Ung.-Sternb.) A.J. Scott - (seekoraal); mat-like perennial, to 300 mm, flowers minute, hidden in bracts; 3-4; lightly saline soils, Clanwilliam, Worcester, Malmesbury to Port Elizabeth (southern and tropical Africa).
perennis (Miller) A.J. Scott - somewhat woody matted perennial, to 250 mm, flowers minute, hidden in bracts; 3-4; lowest zone of maritime marshes, Langebaan, Peninsula?, Mossel Bay to Port Elizabeth (Africa, Europe, N America).
pillansii (Moss) A.J. Scott - (brakbos, kleinlidjiesbos); sprawling perennial with erect stems to 600 mm, flowers minute, hidden in bracts; 3-4; Clanwilliam, Saldanha to Peninsula, Worcester, Mossel Bay to Port Elizabeth (southern Africa).

SUAEDA ca 110 sp - cosmopolitan halophyte

caespitosa Wolley-Dod - (sea blite); much-branched prostrate greyish annual or perennial, small greenish flowers; 2-4; coastal marshes, Peninsula, Bredasdorp, Port Elizabeth (endemic?).
fruticosa (L.) Forsskal - (brakbos, inkbos); much-branched bluish shrublet, 600-900 mm, flowers inconspicuous; 8-12; arid areas, Port Elizabeth (W Karoo, Namaqualand).

CLUSIACEAE

HYPERICUM ca 400 sp - widespread, especially in N Hemisphere

aethiopicum Thunb. - perennial, 100-300 mm, flowers primrose-yellow; 9-12; damp lower slopes and flats, Riversdale to Port Elizabeth (to south tropical Africa).
lalandii Choisy - erect or sprawling perennial, 100-600 mm, flowers yellow to orange; 11-3; damp areas, Peninsula to Port Elizabeth (widespread in tropical and southern Africa, Madagascar)
***perforatum** L. - (St. John's wort); erect perennial to 1 m, flowers bright yellow; 11-1; disturbed areas, Tulbagh, Peninsula (introduced from Europe).

CONVOLVULACEAE

CONVOLVULUS ca 250 sp - nearly cosmopolitan

bidentatus Bernh. - (klimop); slender climbing or prostrate perennial, flowers white or pale pink; 10-12; Bredasdorp, Mossel Bay to Port Elizabeth (E Cape).
capensis Burm. f. - (klimop); robust or slender climber, flowers pink or white; 9-10; Clanwilliam, Piketberg, Ceres to Paarl, Oudtshoorn, Caledon to Port Elizabeth (Namaqualand, Karoo, E Cape)
***farinosus** L. - (klimop); slender grey climber, flowers white, occ. pink; 11-6; Ceres, Stellenbosch, Peninsula, Riversdale to Humansdorp (to tropical Africa, Mascarenes, Europe).
multifidus Thunb. - slender climber, flowers pale pink or white; 11-3; Humansdorp to Uitenhage (N Cape, OFS).

sagittatus Thunb. - variable diffuse or climbing perennial, flowers white, occ. mauve; 11-4; Worcester, Uitenhage (widespread, sub-Saharan Africa, Arabia).
ulosepalus Hallier f. - (bobbejaantou, rankbossie); slender climber, flowers white or pink; 12-5; Peninsula, Humansdorp, Uitenhage (Karoo, E Cape to tropical Africa, Namibia).

CUSCUTA ca 170 sp - cosmopolitan

africana Willd. - (dodder, monniksbaard); leafless yellowish parasitic vine, flowers white or pink; 10-12; on trees or shrubs, Swellendam to Port Elizabeth.
angulata Engelm. - leafless yellowish parasitic vine, flowers white; 10-2; on various ericoid shrubs, Paarl, Peninsula to Bredasdorp.
appendiculata Engelm. - (dodder, vrouehaar); slender parasitic vine, flowers cream; 10-12; various hosts, Peninsula?, Oudtshoorn, Riversdale to Port Elizabeth (E Cape).
bifurcata Yuncker - leafless yellowish-green parasitic vine; ?; Ceres, Port Elizabeth (poorly known).
cassytoides Nees ex Engelm. - (dodder); relatively robust parasitic vine, flowers greenish; 4-6; woody hosts, Swellendam to Uitenhage (E Cape to tropical Africa, Indonesia).
nitida E. Meyer ex Choisy - (monniksbaard, vrouehaar); leafless parasitic vine, flowers whitish; 8-12; on woody hosts, Clanwilliam to Peninsula, Worcester.

DICHONDRA 4 or 5 sp - pantropical and subtropical

repens J.G. & R. Foster - (possibly = **D. micrantha** Urb.) (daisy grass); prostrate perennial, flowers white; 8-11; often near granite rocks, Peninsula, Knysna, Riversdale, Port Elizabeth (E Cape to Transvaal, cosmopolitan).

FALKIA ca 35 sp - S and N Africa

repens L.f. - (oortjies); dwarf often matted perennial, flowers pinkish; 8-1; often near water, Tulbagh, Malmesbury, Robertson, Peninsula to Port Elizabeth (E Cape to Natal).

IPOMOEA ca 400 sp - pantropical and subtropical

brasiliensis (L.) Sweet - (?= **I. pes-caprae** (L.) Sweet) (goat's foot, strandpatat); perennial with firm trailing stems and fleshy leaves, flowers mauve; 12-2; sand dunes, Knysna to Port Elizabeth (pantropical).
cairica (L.) Sweet - perennial vine with divided leaves, flowers purple-blue; 10-2; coastal scrub, Mossel Bay to Uitenhage (to tropical Africa and Asia).
ficifolia Lindley - perennial vine, flowers purple; 4-6; coastal bush, Humansdorp, Uitenhage (E Cape to tropical Africa).
***purpurea** (L.) Roth - (clock plant, morning glory); vigorous twining annual, flowers purple, pink or white; 10-12; Cape Peninsula (widespread in southern Africa, introduced from tropical America).

CORNACEAE

CURTISIA 1 sp - S W Cape to southern tropical Africa

dentata (Burm. f.) C.A. Smith - (assegai wood, assegaaibos); usually a tall tree, 6-15 m, flowers small, cream; 1-2; fruit red; 5-6; forest or coastal scrub, Peninsula to Port Elizabeth (E Cape to eastern Zimbabwe).

CRASSULACEAE

ADROMISCHUS ca 26 sp - southern Africa

bicolor P. Hutchison - succulent with spotted leaves, spikes to 250 mm, flowers green with red tube below, lobes yellow with red stripe; 12-1; Uniondale, Uitenhage (S Karoo).

caryophyllaceus (Burm. f.) Lemaire - (nentabos); branched shrublet with unspotted leaves, spikes to 150 mm, flowers with green tube, lobes pink or purple with white; 10-3; Caledon, Bredasdorp, Montagu to Uniondale, Mossel Bay.

cristatus (Haw.) Lemaire - shrublet with red hair-like roots on stems, leaves not spotted, apex wavy, spikes to 300 mm, flowers with green to red tube, lobes white or pink; 2-4; dry rocky hills, Uniondale, Humansdorp (E Cape, Karoo).

filicaulis (Ecklon & Zeyher) C.A. Smith - herb with creeping stems, leaves succulent, not spotted, spikes 150-300 mm, flowers with rose tube and lobes; 12-4; Clanwilliam, Worcester (Karoo, Namaqualand).

hemisphaericus (L.) Lemaire - succulent with spotted leaves, spikes 100-300 mm, flowers with green tube, lobes pink; 10-3; dry rocky slopes, Ceres, Worcester, Paarl to Peninsula, Caledon.

leucophyllus Uitew. - succulent with round leaves, spikes to 150 mm, flowers with yellow-green tube, lobes whitish with pink keel; 1-3; Montagu, Ladismith.

maculatus (Salm-Dyck) Lemaire - (bontplakkie); succulent with grey spotted leaves, spikes 200-300 mm, flowers with green tube, lobes pink; 12-2; dry rock outcrops, Ceres, Caledon, Riversdale, Montagu to Oudtshoorn (Karoo).

mammilaris (L.f.) Lemaire - (ranknenta); succulent with spotted leaves, spikes 150-250 mm, flowers with greenish tube, lobes pale pink; 1-4; Worcester, Montagu, Oudtshoorn.

marianae (Marloth) A. Berger - succulent with spotted or unspotted leaves, spikes 100-200 mm, flowers white to pink with greenish tube; 2-6; Clanwilliam, Ceres, Worcester (Karoo, Namaqualand, Namibia).

maximus P. Hutchinson - robust shrublet, leaves spotted or not, yellowish-green, spikes 350 mm, flowers white and pink with greenish tube; 10-2; dry slopes, Clanwilliam (S Namaqualand).

roaneanus Uitew. - succulent with grey leaves, spikes 200-300 mm, flowers pink with brownish-red tube; 10-2; Clanwilliam, Ceres (S Namaqualand, W Karoo).

sphenophyllus C.A. Smith - (kleinplakkie, eendjie); succulent with leaves spotted or not, spikes 100-300 mm, flowers with green tube, lobes white with red keels; 10-1; Uniondale, Humansdorp to Port Elizabeth (Karoo, E Cape).

triflorus (L.f) A. Berger - succulent with spotted leaves, spikes 150-300 mm, flowers red with green to red tube; 12-2; Montagu to Oudtshoorn, Swellendam (Karoo).

COTYLEDON ca 150 sp - Africa, Asia, Mexico, W and S Europe
(several S. A. species have been removed to **Tylecodon** or **Adromischus**)

adscendens R.A. Dyer - shrublet with straggling stems, to 450 mm, flowers green with coral-red tips; 12; Uitenhage (E Cape).

campanulata Marloth - (= **C. teretifolia** Thunb. non Lam.) (skilpadkos); herbaceous shrub with pubescent cylindrical leaves, to 450 mm, flowers yellow; 10-2; Oudtshoorn, Humansdorp to Port Elizabeth (E Cape).

cuneata Thunb. - (= **C. pillansii** Schonl.) (krimpsiektebos); succulent shrublet, flowers yellow; 10-12; Little Karoo (Karoo, Namaqualand).

decussata Sims - (bergbesie, vingerplakkie); shrub with succulent nearly cylindrical leaves, flowers shades of green and red; ?; Little Karoo, George to Uitenhage (E Cape, Namaqualand).

muirii Schonl. - perennial with slender stems rooting at lower nodes, scape to 150 mm, flowers red; 9; Little Karoo.

orbiculata L. - (pigs ear, varkoor, kouterie); shrub with stout stems, to 1 m, flowers shades of pink with green and yellow; 1-12; dry areas throughout S W and S Cape (southern Africa).

papillaris L.f. - (= C. **gracilis** Harvey) (ranknenta); shrublet with slender sprawling stems, to 250 mm, flowers brownish with orange, pink, or white; 10-1; often in rock pockets, Little Karoo, Uniondale (Karoo, E Cape, Namaqualand).

tomentosa Harvey - (incl. C. **ladismithiensis** Poelln. and C. **heterophylla** Schonl. nom. illeg.); woolly shrublet, to 300 mm, flowers red and yellow; 7-8; Little Karoo, Uitenhage.

velutina Hook. f. - robust shrublet to over 350 mm, flowers dull yellow with reddish-brown lobes; 11-2; Knysna to Port Elizabeth (E Cape).

woodii Schonl. & Bak. f. - (incl. C. **salmiana** Poelln. and C. **ramosissima** Salm-Dyck); branched shrub to 1,5 m, flowers red or pink; 5-12; stony slopes, Prince Albert, George to Port Elizabeth (E Cape).

CRASSULA ca 300 sp - mainly southern and tropical Africa, S Europe, India
(incl. **Rochea, Vauanthes**)

alcicornis Schonl. - low perennial with 1 or 2 pairs of lobed leaves, 60-120 mm, flowers white or pink; 5-6; Clanwilliam.

alpestris Thunb. - leafy, erect biennial or perennial, 50-150 mm, flowers white; 8-10; rocky slopes, Nieuwoudtville to Worcester, Montagu, Witteberg (S Namaqualand, W Karoo).

ammophila Tolken - perennial with slender brittle branches, 300-800 mm, flowers whitish; 10-11; scrambling among low shrubs, Saldanha.

aphylla Schonl. & Baker f. - much-branched minute leafless annual, to 30 mm, flowers white, occ. tinged red; 8-10; rock pools, Nieuwoudtville to Worcester (endemic?).

arborescens (Miller) Willd. - (jade plant, beestebalbos); perennial with fleshy stems and leaves, 1-2 m, flowers white; 6, 10-1; rocky slopes, Worcester to Oudtshoorn, Port Elizabth (Karoo, S Namaqualand).

atropurpurea (Haw.) Dietr. - slender woody perennial with leaves mostly basal, to 600 mm, flowers cream; 10-12; dry, rocky slopes, Nieuwoudtville, Cedarberg to Witteberg, Montagu, Oudtshoorn, Peninsula to Port Elizabeth (Namaqualand, Karoo).

barbata Thunb. - tufted pubescent annual or biennial, scapes slender, to 300 mm, flowers white with red or green; 8-11; gravelly slopes among rocks, Cedarberg to Worcester, Montagu to Oudtshoorn (Karoo).

bergioides Harvey - sparsely branched annual, 20-60 mm, flowers white to brown; 9-10; gravelly slopes, Ceres, Worcester, Caledon to Riversdale.

biplanata Haw. - erect or sprawling slender woody perennial, 150-300 mm, flowers white; 1-4; rocky slopes or rock crevices, Caledon to Humansdorp, Witteberg, Ladismith to Uniondale.

brachystachya Tolken - erect leafy perennial, 100-200 mm, flowers white; 11-1; shaded rocks, Witteberg, Montagu to Oudtshoorn, Swartberg Mts.

brevifolia Harvey - branched shrublet with fleshy leaves, 100-500 mm, flowers cream or pink; 3-5; rocky or sandy slopes, Gifberg, Clanwilliam (Namaqualand, Namibia).

campestris (Ecklon & Zeyher) Endl. ex Walp. - delicate leafy annual, 50-100 mm, flowers yellowish; 8-11; gravel flats and slopes, Clanwilliam, Worcester, Montagu, Peninsula to Port Elizabeth (Namaqualand, E Cape, Namibia).

capensis (L.) Baillon - (Cape snowdrop, skaamblommetjie); tuberous perennial with 2-3 pairs of broad leaves, flowers white, drooping; 5-11; rocky slopes, Clanwilliam to Worcester, Montagu, Piketberg, Peninsula to Riversdale.

capitella Thunb. - perennial with leaves mostly basal, scapes to 400 mm, flowers cream to pink; 12-5; Worcester and Bredasdorp to Port Elizabeth (widespread in southern Africa).

ciliata L. - perennial with leaves and branches mainly basal, scapes to 400 mm, flowers cream or yellow; 11-1; sandy soil, Worcester to Oudtshoorn, Peninsula to Riversdale, Humansdorp to Port Elizabeth.

clavata N.E. Br. - tufted perennial, scapes to 300 mm, flowers yellowish; 8-10; lower slopes, Lokenburg to Worcester, Montagu to Oudtshoorn (Karoo).

coccinea L. - (red crassula, klipblom); robust perennial, to 400 mm, flowers scarlet, occ. white; 12-3; rocky ledges, Paarl, Peninsula to Bredasdorp.

columnaris Thunb. - (khakibutton, bergkoesnaaitjie); columnar perennial with congested fleshy leaves, 30-100 mm, flowers cream, in heads; 5-10; shallow quartzitic soils, Gifberg to Worcester, Montagu, Little Karoo (Namaqualand, Karoo, Namibia).

congesta N.E. Br. - slightly columnar annual or biennial, 50-150 mm, flowers white; 5-9; quartzite slopes, Worcester, Montagu, Riversdale (Karoo).

corallina Thunb. - (brakvygie, hasieskos); coral-like perennial with white leaves, 50-100 mm, flowers white; 10-4; karroid areas, Ladismith (Namaqualand, Karoo, Namibia).

cordata Thunb. - erect or sprawling perennial, to 300 mm, flowers yellowish; 7-10; under bushes, Uitenhage (E Cape to Natal).

cotyledonis Thunb. - (bergplakkie); tufted perennial with grey leaves, scapes 150-450 mm, flowers yellowish; 11-1; rocky slopes, Montagu, Little Karoo to Port Elizabeth (Karoo, E Cape, Namaqualand, Namibia).

crenulata Thunb. - erect tuberous perennial with long leaves, to 400 mm, flowers cream; 1-4; under bushes, Mossel Bay, Ladismith, Oudtshoorn (E Cape to Natal).

cultrata L. - shrub to 1 m, flowers cream; 11-1; rocky hillsides, Ladismith to Uniondale, Uitenhage, Port Elizabeth (E Cape to Natal).

cymosa Bergius - slightly woody perennial, 250-350 mm, flowers cream; 10-1; dry rocky slopes, Gifberg, Cedarberg to Tulbagh, Piketberg to Peninsula, Caledon (Namaqualand).

decumbens Thunb. - much-branched spreading annual, 40-120 mm, flowers cream; 9-11; sandy or saline areas, Clanwilliam, Malmesbury, Peninsula to Riversdale, Port Elizabeth (W Karoo, Namaqualand).

dejecta Jacq. - densely branched leafy shrub, to 400 mm, flowers white; 11-2; rock outcrops or crevices, Gifberg to Worcester, Piketberg, Paarl, Caledon (Namaqualand).

deltoidea Thunb. - (kata-kiso); much-branched shrublet with grey fleshy leaves and stem, flowers pink or white; 10-11; karroid slopes, Worcester, Montagu to Uniondale (Karoo, Namibia).

dentata Thunb. - delicate sprawling perennial, 50-150 mm, flowers white; 9-1; moist places in rock shelters, Gifberg, Lokenburg, Cedarberg to Worcester, Paarl, Piketberg.

depressa (Ecklon & Zeyher) Tolken - delicate spreading annual, to 50 mm, flowers white or pink; 9-10; open sand in coastal fynbos, Caledon, Bredasdorp, Knysna.

dichotoma L. - wiry annual, 50-200 mm, flowers yellow to orange; 9-10; Clanwilliam, Piketberg to Peninsula, Caledon (Namaqualand).

dodii Schonl. & Baker f. - delicate annual, 10-50 mm, flowers white; 9-10; edge of ponds, Montagu, Caledon (Karoo, S Namaqualand).
elsieae Tolken - mat-like perennial, to 100 mm, flowers cream; 11-12; rock shelters at high alt., Cedarberg Mts.
ericoides Haw. - (karkai, malmeidbossie); branched shrublet, 150-400 mm, flowers white; 12-5; Bredasdorp to Port Elizabeth (E Cape to Natal).
erosula N.E. Br. - sprawling perennial with reddish leaves, to 600 mm, inflorescence branched, to 400 mm, flowers yellow or cream; 9-10; rocky slopes, Clanwilliam (W Karoo to Namibia).
expansa Dryander - much-branched delicate perennial, 100-200 mm, flowers white, pink or yellow; 1-12; often on coastal sand, widespread, Clanwilliam to Port Elizabeth (E Cape to E Transvaal, Namibia).
fallax Friedrich - perennial with leaves decreasing in size above, to 400 mm, flowers white or cream; 11-3; dry slopes, Clanwilliam to Peninsula, Caledon, Bredasdorp.
fascicularis Lam. - (= **Rochea subulata** (L.) Adamson) (klipblom); erect shrublet, to 400 mm, flowers white fading pink; 8-12; fynbos slopes, Gifberg, Clanwilliam to Paarl, Peninsula to Bredasdorp.
filiformis (Ecklon & Zeyher) Dietr. - small branched annual, to 100 mm, flowers white; 8-11; sandy soil, Clanwilliam to Worcester, Saldanha, Peninsula to Bredasdorp.
flava L. - erect perennial, 200-500 mm, flowers bright yellow or cream; 12-2; flats and slopes, Paarl, Tulbagh, Peninsula, Caledon.
glomerata Bergius - (brakvygie); small green or red wiry annual, to 100 mm, occ. 150 mm, flowers white; 8-12; open sandy patches, Clanwilliam to Peninsula, Montagu, Caledon to Port Elizabeth (S Karoo).
grammanthoides (Schonl.) Tolken - small wiry annual, to 50 mm, flowers white or yellow; 9-10; sandy slopes, Caledon.
hemisphaerica Thunb. - tufted perennial with recurved leaves, 50-150 mm, flowers cream; 9-12; karroid areas under bushes, Worcester, Little Karoo, Uniondale (Namaqualand, Karoo).
hirsuta Schonl. & Baker f. - small pubescent annual, to 50 mm, flowers white; 7-11; bare sand, Nieuwoudtville, Worcester, Malmesbury (Namaqualand, W Karoo).
inanis Thunb. - ribbon-like aquatic, flowers white; 8-3; pools or marshy areas, Riversdale to Uniondale (E Cape to Transvaal).
lactea Sol. - sprawling perennial, 300-600 mm, flowers white or pink; 5-7; shady rocks, Riversdale, Mossel Bay, Uitenhage, Port Elizabeth (E Cape).
lasiantha Drege ex Harvey - prostrate perennial with wiry pubescent stems to 200 mm, flowers white; 12-4; shady ledges at high alt., Clanwilliam, Worcester.
macowaniana Schonl. & Baker f. - branched shrubs, 0,6-1 m, flowers white or pinkish; 9-12; dry rocky slopes, Gifberg (Namaqualand, Namibia).
mesembryanthoides (Haw.) Dietr. - (doubossie); much-branched woody shrublet with pubescent leaves, to 400 mm, flowers cream; 3-6; dry scrub, Uniondale, Port Elizabeth (E Cape).
minuta Tolken - wiry annual, 10-30 mm, flowers white or reddish; 9-10; rock basins at high alt., Cedarberg Mts.
mollis Thunb. - shrublet to 500 mm; 12-4; dry scrub, Little Karoo, Riversdale, Uniondale to Port Elizabeth (Karoo).
montana Thunb. - dwarf cushion-forming perennial, to 80 mm, flowers white; 8-11; rock crevices, Gifberg to Worcester, Ladismith (Karoo).
multiflora Schonl. & Baker f. - shrublet to 800 mm, flowers cream; 12-1; rocky slopes, Worcester, Montagu, Ladismith, Bredasdorp, Caledon?.
muricata Thunb. - much-branched shrublet, to 250 mm, flowers cream; 10-12; arid mountain slopes, Ceres, Worcester, Oudtshoorn.

muscosa L. - (lizard's tail, skilpadbos, veterbos); sprawling perennial with grey scale-like leaves, to 400 mm, flowers yellowish-green; 1-12; flats and slopes, widespread in S W Cape (southern Africa).

namaquensis Schonl. & Baker f. - dwarf succulent-leafed shrublet, to 200 mm in bloom, flowers cream to yellow; 8-11; stony slopes, Nieuwoudtville, Clanwilliam, Ceres (W Karoo to Namibia).

natans Thunb. - (watergras); floating or sprawling annual, 20-300 mm, flowers white to red; 5-11; pools and marshes throughout S W Cape (southern Africa).

nemorosa (Ecklon & Zeyher) Endl. ex Walp. - delicate tuberous perennial, 40-100 mm, flowers white; 6-9; shady rocks, Clanwilliam, Montagu to Oudtshoorn, Bredasdorp, Uitenhage (Namaqualand, E Cape).

nudicaulis L. - (bergplakkie, skraalplakkie); tufted perennial, scapes 200-400 mm, flowers greenish-white; 7-12; varied habitats, Clanwilliam to Port Elizabeth (Karoo, E Cape, Transvaal).

oblanceolata Schonl. & Baker f. - delicate branched annual, 30-120 mm, flowers white or pink; 8-10; in shade, Lokenburg to Peninsula, Piketberg, Worcester to Ladismith (Namaqualand, Karoo, Namibia).

obtusa Haw. - (= **Rochea jasminea** (Sims) DC.); sprawling shrublet, 100-150 mm, flowers white or cream; 11-1; rocky mountain slopes, Cedarberg to Worcester, Peninsula, Little Karoo, Caledon to Riversdale (W Karoo).

orbicularis L. - (klipblom); tufted perennial, scapes 50-250 mm, flowers white; 6-11; sheltered rocky slopes, Worcester to Oudtshoorn, Bredasdorp to Port Elizabeth (Karoo, E Cape to Natal).

ovata (Miller) Druce - (incl. **C. portulacea** Lam.) (plakkies, jade plant); robust shrub, to 2,5 m, flowers white to pale pink; 6-8; rocky slopes, Uitenhage, Port Elizabeth (E Cape to Natal) (often cultivated).

pageae Tolken - small tufted annual, to 30 mm, flowers brown or red; 7-10; in shade of karroid shrublets, Worcester, Montagu (Karoo).

papillosa Schonl. & Baker f. - delicate much-branched cushion-like perennial, flowers white or pink; 12-4; shade at high alt., Cedarberg, Ceres, Worcester to Ladismith, Peninsula (E Cape).

pellucida L. - soft sprawling annual or perennial, 100-500 mm, flowers pink or white; 9-4; shady slopes, widespread in S W Cape (south and tropical Africa).

perfoliata L. - (red crassula, heuningbossie); erect red large-leafed perennial, to 1 m, flowers red; 12-4; rock outcrops in grassland, Humansdorp, Port Elizabeth (Karoo, E Cape to Natal).

perforata Thunb. - (concertina plant, sosaties); wiry sprawling shrublet, to 600 mm, flowers cream or yellowish; 12-4; dry areas in shade, Worcester to Oudtshoorn, Caledon to Port Elizabeth (E Cape to Natal).

pruinosa L. - much-branched shrublet with wiry stems, 100-200 mm, flowers white; 11-1; rock outcrops at high alt., Paarl to Peninsula, Caledon.

pubescens Thunb. - perennial shrublet, leaves mainly basal, scapes 100-400 mm, flowers cream; 8-2; rocky slopes or crevices, Worcester, Port Elizabeth, Bredasdorp to Mossel Bay (Karoo, E Cape).

pustulata Tolken - much-branched shrublet with wiry stems, to 200 mm, flowers white; 11-12; in pockets of sand, Gifberg, Cedarberg to Worcester, Piketberg.

pyramidalis Thunb. - (rygbossie); perennial with stems forming leafy columns, 30-250 mm, flowers white or cream; 8-10; dry rocky slopes, Ceres, Worcester, Little Karoo (Karoo).

rogersii Schonl. - sprawling shrublet, 200-300 mm, flowers pale yellow; 12-3; dry scrub, Oudtshoorn, Uitenhage, Port Elizabeth.

rubricaulis Ecklon & Zeyher - perennial shrublet, to 300 mm, flowers white, often tinged red; 1-5; rocky mountain slopes, Swellendam to Port Elizabeth.

rupestris Thunb. - (concertina plant, sosaties); much-branched woody shrublet, to 500 mm, flowers pale pink; 4-10; dry rocky slopes, Clanwilliam, Ceres, Little Karoo, Peninsula to Riversdale, Port Elizabeth (Karoo to Namibia, E Cape).

***sarmentosa** Harvey - scrambling perennial, to 1 m, flowers white; 6-8; garden escape?, Knysna (Natal).

saxifraga Harvey - erect tuberous perennial with 1 or 2 pairs of leaves, scapes 50-200 mm, flowers white or pinkish; 4-6; rock shelters on dry slopes, Clanwilliam to Worcester, Paarl, Peninsula to Riversdale (Namaqualand, Karoo, E Cape).

scabra L. - erect shrublet, 200-400 mm, flowers white or reddish; 12-2; lower slopes, Clanwiliam to Peninsula.

schimperi Fischer & C. Meyer - much-branched perennial with tiny leaves, 100-150 mm, flowers yellowish; 10-2; sheltered rocks, Cedarberg, Worcester, Oudtshoorn, Peninsula to Riversdale (E Cape, Namibia, tropical Africa).

sebaeoides (Ecklon & Zeyher) Tolken - erect much-branched wiry annual, 20-80 mm, flowers yellow; 8-11; arid gravel slopes, Clanwilliam to Tulbagh, Caledon, Montagu, Ladismith to Port Elizabeth (Karoo, E Cape).

simulans Schonl. - delicate erect perennial, 80-150 mm, flowers yellow; 8-10; shady places, Worcester, Montagu, Bredasdorp.

spathulata Thunb. - prostrate or sprawling perennial, to 600 mm, flowers pink or white; 3-5; forest margins, Knysna to Port Elizabeth (E Cape, Transkei).

strigosa L. - delicate red or green annual, 30-120 mm, flowers white; 7-11; shady places, Clanwilliam, Cedarberg to Peninsula, Worcester, Montagu, Bredasdorp (Karoo, Namaqualand).

subaphylla (Ecklon & Zeyher) Harvey - erect or sprawling shrub with wiry branches, to 800 mm, flowers cream; 9-1; dry sites, Clanwilliam, Worcester to Oudtshoorn, Bredasdorp, Swellendam, Uitenhage (Namaqualand, Karoo, E Cape).

subulata L. - shrublet with leafy stems, 200-600 mm, flowers cream; 10-12; dry rocky slopes, widespread, Clanwilliam to Uitenhage (Namaqualand, E Cape).

tecta Thunb. - grey-leafed tufted perennial, scapes to 200 mm, flowers white; 2-5; karroid slopes, Little Karoo (Karoo).

tenuipedicellata Schonl. & Baker f. - delicate branched annual forming dense stands, to 50 mm, flowers white; 8-11; shady places, Ceres, Worcester (Karoo, Namaqualand, Namibia).

tetragona L. - (karkai); branched somewhat woody shrublet, 200-800 mm, flowers white; 11-4; dry habitats, Gifberg to Peninsula, Caledon to Port Elizabeth (Namaqualand, Karoo, E Cape).

thunbergiana Schultes - delicate often sprawling leafy annual, 20-80 mm, flowers white to brown; 7-11; sandy flat areas, Nieuwoudtville to Piketberg, Peninsula to Bredasdorp, Worcester, Witteberg (Namaqualand to Namibia).

tomentosa Thunb. - perennial or biennial with leafy stems, scapes to 600 mm, flowers white to yellow; 8-12; sand or rocks, Lokenburg, Clanwilliam to Peninsula, Ceres, Worcester, Riversdale (Karoo to Namibia).

umbella Jacq. - tuberous erect perennial with one pair of leaves, 60-150 mm, flowers whitish; 7-9; in shade, Nieuwoudtville to Worcester, Witteberg to Oudtshoorn, Bredasdorp (Namaqualand, Karoo).

umbellata Thunb. - delicate spreading annual, 20-40 mm, flowers cream or reddish; 7-11; sand or rocks, Clanwilliam to Peninsula, Worcester, Witteberg to Ladismith, Caledon, Uitenhage, Port Elizabeth (Karoo).

vaillantii (Willd.) Roth - delicate erect or spreading annual, 30-100 mm, flowers white to pink; 1-12; muddy places, Clanwilliam to Worcester, Peninsula, Bredasdorp, Uitenhage, Port Elizabeth (Karoo, Namaqualand, E Cape to tropical Africa, Europe).

KALANCHOE ca 200 sp - Africa, Asia, Madagascar, Brazil

rotundifolia Haw. - (nentabos); succulent perennial, to 1 m, flowers orange or yellow; 3-6; Uitenhage (E Cape to Transvaal).

TYLECODON 27 sp - S W Cape to Namibia, Karoo

cacalioides (L.f.) Tolken - (nenta, karkeicotyledon); succulent perennial, 300-600 mm, flowers bright yellow; 12-2; Ladismith to Uniondale (Karoo).
grandiflorus (Burm. f.) Tolken - (rooisuikerblom); succulent perennial, 150-400 mm, flowers red or yellow; 1-2; Clanwilliam, Peninsula, Swellendam, Oudtshoorn.
leucothrix (C.A. Smith) Tolken - (doubossie); succulent perennial, 50-100 mm, flowers white and green; 12-2; Ladismith, Oudtshoorn (Karoo).
paniculatus (L.f.) Tolken - (botterboom); fleshy-stemmed shrub, 1-2 m, flowers red and green; 11-1; Worcester to Oudtshoorn, George, Piketberg to Peninsula (W Karoo, Namibia).
reticulatus (L.f.) Tolken - (oukoe); succulent with intricately branched inflorescence to 300 mm, flowers green and pink or purplish; 12; Clanwilliam, Worcester, Oudtshoorn (Namaqualand, Namibia).
ventricosus (Burm. f.) Tolken - (klipnenta); perennial with short succulent stems, scapes to 600 mm, flowers greenish and brown-yellow; 11-1; Clanwilliam, Worcester, George, Uniondale (Namaqualand, Namibia, Karoo).
wallichii (Harvey) Tolken - (kokerbos, krimpsiektebos, kandelaarbos); shrublet with short gnarled stems, inflorescence branched, to 500 mm, flowers pale yellow-green; 12; Clanwilliam, Oudtshoorn (Namaqualand, Namibia).

CUCURBITACEAE

CITRULLUS 3 sp - Africa and Asia

lanatus (Thunb.) Mansf. - (= **C. vulgaris** Schrader) (tsamma, wild melon); trailing stems to 3 m, leaves hairy, fruits small melons, flowers greenish; mainly 9-12; dry areas of W Cape (possibly introduced) (Africa, W Asia).

COCCINIA ca 30 sp - Africa, Asia

quinqueloba (Thunb.) Cogn. - (bobbejaankomkommer); tuberous-rooted perennial climber, flowers yellow, fruit scarlet spotted with white; 11-4; coastal bush, Humansdorp to Port Elizabeth (E Cape to Natal).

KEDROSTIS ca 23 sp - Africa to E Indies

africana (L.) Cogn. - (Cape bryony, kleinbobbejaankomkommer); climbing or prostrate tuberous perennial, flowers yellowish; 11-4; Swellendam to Port Elizabeth (E Cape to Transvaal, Karoo, Namibia).
capensis (Sonder) A. Meeuse - climbing or prostrate tuberous perennial, to 500 mm long, flowers greenish; 10-4; Clanwilliam (Namaqualand, Karoo, E Cape, Namibia).
nana (Lam.) Cogn. - (bryony, ystervarkpatats); tuberous perennial climber, flowers yellow; 2-3; coastal bush, Peninsula to Port Elizabeth (E Cape to Natal).

LAGENARIA 6 sp - tropical and southern Africa, Madagascar

mascarena Naudin - (wildekalabas); dioecious perennial climber, flowers white; 12-5; coastal bush, Knysna (E Cape to tropical Africa, Madagascar).

ZEHNERIA ca 30 sp - Africa to E Indies, 2 in southern Africa

scabra (L.f.) Sonder - (dawedjies); climbing perennial, flowers cream; 8-4; forest margins, Peninsula to Port Elizabeth (E Cape to tropical Africa).

CUNONIACEAE

CUNONIA ca 17 sp - 1 southern Africa, 16 in New Caledonia

capensis L. - (butterspoon tree, rooi-els); tree to 30 m, leaves compound, flowers cream, in spikes; 3-6; streambanks or forests, Stellenbosch, Peninsula to Port Elizabeth (E Cape to Transvaal).

PLATYLOPHUS 1 sp - S W and S Cape

trifoliatus (Thunb.) D. Don - (white alder, witels); tree to 30 m, leaves trifoliate, flowers cream; 12-2; streambanks or forests, Paarl, Caledon to Humansdorp.

DIPSACACEAE

CEPHALARIA ca 65 sp - Africa, Asia, Europe

attenuata (L.f.) Roemer & Schultes - perennial with tufted leaves, 300-600 mm, flowers white; 1-8; sandy coastal flats, Caledon to Port Elizabeth (E Cape).
humilis (Thunb.) Roemer & Schultes - perennial to 1 m, flowers white; 12-1; grassy flats, George to Humansdorp (Natal).
oblongifolia (Kuntze) Szabo - perennial to 600 mm, flowers white; 1-5; damp lower slopes, Humansdorp, Uitenhage (E Cape to Natal).
rigida (L.) Roemer & Schultes - perennial to 1 m, flowers white; 12-3; lower to middle slopes, Peninsula, Stellenbosch (Natal).
scabra (L.f.) Roemer & Schultes - perennial to 1 m, flowers white; 12-2; lower slopes, Paarl, Caledon.

SCABIOSA ca 100 sp - Africa, Asia, Europe

africana L. - (pincushion, koringblom); perennial with tufted leaves, 400-900 mm, flowers mauve; 7-11; sheltered mountain slopes, Cape Peninsula.
albanensis R.A. Dyer - perennial to 300 mm, flowers white or mauve; 11-5; grassy slopes, Knysna (E Cape).
columbaria L. - (bitterbos, scabious); perennial with tufted leaves, 200-800 mm, flowers white, occ. mauve; 8-2; sandy flats and slopes, widespread in S W Cape (E Cape to Transvaal, Europe, Asia).
incisa Miller - (scabious); perennial to 800 mm, leaves very dissected, flowers large, mauve; 9-12; sandy coastal bush, Piketberg to Peninsula.

DROSERACEAE

DROSERA ca 130 sp - cosmopolitan

acaulis L.f. - dwarf tufted perennial, to 20 mm, flowers red or purple; 12; damp upper slopes and plateaus, Worcester.
alba E. Phillips - slender tufted perennial, scapes 80-130 mm, flowers white; 4-5, 8-10; damp rocks, Lokenburg to Cedarberg (Namaqualand?).
aliciae Raym.-Hamet - compact tufted perennial, scapes 150-400 mm, flowers magenta; 11-1; marshes and seeps, Peninsula to Port Elizabeth (E Cape).

capensis L. - (sundew, doublom, vlieëvangertjie); long-leafed perennial, scapes 150-300 mm, flowers magenta; 11-1; wet flats and slopes, Clanwilliam to Uniondale.

cistiflora L. - (sundew, doublom, vlieëvangertjie); slender sticky perennial, 100-400 mm, flowers mauve, white, yellow or red; 8-9; sandy flats and slopes, Clanwilliam to Port Elizabeth (Namaqualand).

cuneifolia L.f. - tufted perennial, scapes 150-300 mm, flowers magenta or pink; 11-1; fynbos slopes, Cape Peninsula.

glabripes (Harvey) Stein - woody sprawling perennial, 100-300 mm, flowers magenta; 11-2; upper mountain slopes, Peninsula to Bredasdorp.

hilaris Cham. & Schldl. - perennial with leaves mainly basal, 200-400 mm, scapes 150-300 mm, flowers pink or magenta; 9-11; lower slopes, Paarl, Peninsula, Caledon.

pauciflora Banks ex DC. - (sundew, doublom, vlieëvangertjie); compact tufted perennial, scapes 50-250 mm, flowers pink or mauve; 8-10; fynbos, Piketberg, Paarl, Malmesbury, Stellenbosch.

ramentacea Burchell ex DC. - sprawling perennial, 200-400 mm, scapes to 250 mm, flowers magenta; 9-12; fynbos slopes, Worcester, Paarl to Peninsula, Caledon.

regia Stephens - long-leafed perennial, to 400 mm, flowers magenta; 1-2; wet peaty rocks at high alt., Bains Kloof Mts.

trinervia Sprengel - small tufted perennial, scapes 50-100 mm, flowers white, occ. magenta; 8-11; damp peaty flats or slopes, Lokenburg to Ceres, Tulbagh, Paarl to Peninsula, Robertson, Swellendam.

EBENACEAE

DIOSPYROS ca 500 sp - pantropical and subtropical

austro-africana de Winter - (fire-sticks, kritikom); shrub to 3 m, flowers cream, pink or red; 8-10; dry habitats, Gifberg, Clanwilliam, Ceres, Worcester to Uniondale, Malmesbury, Caledon, Swellendam (South Africa).

dichrophylla (Gand.) de Winter - (poison peach, tolbos); shrub or tree, 2-13 m, flowers cream; 11-3; coastal bush or forest, Bredasdorp, Montagu, Ladismith, Riversdale to Port Elizabeth (E Cape to Transvaal).

glabra (L.) de Winter - (blueberry bush, kraaibossie, bloubessiebos); erect shrub, to 1 m, flowers cream; 10-12; flats and lower slopes, Nieuwoudtville to Worcester, Montagu, Peninsula to Uniondale.

lycioides Desf. - (star apple, bloubos, swartbas); shrub or tree, 2-7 m, flowers cream or yellow; 9-1; dry areas, Oudtshoorn (dry parts of S and tropical Africa).

pallens (Thunb.) F. White - (bloubos); spreading shrub, 1-2,5 m, flowers white; ?; coastal bush, Knysna to Uitenhage (E Cape).

ramulosa (E. Meyer ex A. DC.) de Winter - (Namaqua fire-sticks, Namakwa kritikom); densely branched shrub or tree, to 5 m, flowers greenish; 2-?; arid areas, Nieuwoudtville to Clanwilliam (Namaqualand, Namibia).

whyteana (Hiern) F. White - (wild coffee, bladder-nut, bostolbos); dense shrub or tree, to 6 m, flowers cream; 8-11; mountain slopes, Worcester, Peninsula to Port Elizabeth (E Cape to tropical Africa).

EUCLEA ca 20 sp - tropical and southern Africa, Arabia

acutifolia E. Meyer ex A. DC. - shrub or shrublet, to 500 mm, flowers brown, pubescent; 8-9; dry slopes, Gifberg, Clanwilliam, Tulbagh, Piketberg, Caledon.

crispa (Thunb.) Sonder ex Guerke - (blue guarri, bloughwarrie); erect shrub or tree, 1-8 m, flowers greenish; 9-2; forest margins, Riversdale to Port Elizabeth (throughout S Africa).

lancea (Thunb.) - (guarri); shrub, 1-3 m, flowers cream; 9; dry areas, Gifberg, Lokenburg (Namaqualand).

linearis Zeyher ex Hiern - (smalblaar); shrub or tree, 1-5 m, flowers cream; 8-12; rocky hillsides, Gifberg to Clanwilliam (Transvaal, tropical Africa).

natalensis A. DC. - (bergghwarrie, swartbasboom); tree, 2-12 m, flowers greenish-white to yellow; 5-1; Clanwilliam?, Port Elizabeth (E Cape to tropical Africa).

polyandra (L.f.) E. Meyer ex Hiern - (baviaanskers, kersbos); shrub, 0,3-2 m, flowers white; 10-11; coastal bush, Caledon to Port Elizabeth (E Cape).

racemosa Murray - (bush guarri, sea guarri, seeghwarrie); shrub or tree, 0,6-6 m, flowers cream; 12-6; coastal dune scrub, Clanwilliam to Peninsula, Caledon to Port Elizabeth (Namaqualand, E Cape).

schimperi (A. DC.) Dandy - (witstam); small tree, 3-8 m, flowers cream; 12-5; coastal bush, Humansdorp, Uitenhage (E Cape to tropical Africa).

tomentosa E. Meyer ex A. DC. - (honey guarri, heuningghwarrie); shrub or tree, 1 3 m, flowers white; 9-10; dry rocky slopes, Gifberg, Clanwilliam to Peninsula (endemic?).

undulata Thunb. - (common guarri, gewone ghwarrie); dense shrub or tree, 1-7 m, flowers white to cream; 12-4; flats and slopes, Worcester, Witteberg to Oudtshoorn, Riversdale, Uitenhage (dry areas of southern Africa).

ELATINACEAE

BERGIA 25 sp - cosmopolitan

glomerata L.f. - woody mat-like perennial, flowers minute, white; 11-2; temporary pools or damp areas, Lokenburg, Malmesbury, Worcester, Oudtshoorn, Bredasdorp to Port Elizabeth (Namaqualand, E Cape).

ERICACEAE

ACROSTEMON 8 sp - S W and S Cape

barkerae Compton - compact shrublet, 200-300 mm, flowers pink; 8-10; sandy flats, Worcester.

equisetoides Klotzsch - compact shrublet, 200-300 mm, flowers pink; 8-12; sandy slopes, Tulbagh.

eriocephalus (Klotzsch) N.E. Br. - compact shrublet, 200-300 mm, flowers white to pink; 8-11; sandy places, Stellenbosch, Caledon, Robertson.

glandulosus Rach - compact shrublet, 200-300 mm, flowers pink; 11-1; rocky upper slopes, Paarl, Franschhoek.

hirsutus (Thunb.) Klotzsch - compact shrublet, 200-400 mm, flowers pink; 8-10; mountain slopes, Wellington, Tulbagh, Worcester.

schlechteri N.E. Br. - low sparse shrublet, 100-200 mm, flowers pale pink; 4-5; sand on calcareous hills, Cape Agulhas.

stokoei L. Guthrie - erect shrublet, 200-500 mm, flowers pink; 12-7; moist slopes, Caledon.

xeranthemifolius (Salisb.) E. Oliver - (= **Hexastemon lanatus** Klotzsch); low semi-spreading grey shrublet, 100-150 mm, flowers white; 8-10; sand, Caledon.

ANISERICA 2 sp - S W and S Cape

gracilis (Bartling) N.E. Br. - erect shrublet, 200-400 mm, flowers dull white; 8-12; moist slopes, Piketberg, Ceres to Stellenbosch, Caledon to George.
macrocalyx T.M. Salter - erect shrublet, 200-400 mm, flowers dull white; 9-11; moist slopes, Cape Peninsula.

ANOMALANTHUS 11 sp - S W and S Cape

anguliger N.E. Br. - much-branched low spreading shrublet, to 200 mm, flowers pink; 4-9; lower slopes, Riversdale to Mossel Bay.
curviflorus N.E. Br. - low spreading shrublet, to 200 mm, flowers pink; 5-7; lower slopes, Caledon.
collinus N.E. Br. - low spreading shrublet, to 200 mm, flowers pink; 7; hills, Touws River.
discolor Klotzsch - low spreading to erect shrublet, to 300 mm, flowers pink; 11; lower slopes, Humansdorp to Uitenhage.
galpinii N.E. Br. - low spreading shrublet, to 250 mm, flowers pink; 9-10; lower slopes, Riversdale.
lesliei Compton - low spreading shrublet, to 250 mm, flowers pink; 10; mountain slopes, Ceres.
marlothii N.E. Br. - low spreading shrublet, to 250 mm, flowers pink; 5-11; lower slopes, Ceres, Worcester, Touws River, Ladismith.
parviflorus (Klotzsch) N.E. Br. - low spreading shrublet, to 250 mm, flowers pink; ?; Swellendam (poorly known).
salteri Compton - low spreading shrublet, to 250 mm, flowers pink; 7; lower slopes, Caledon.
scoparius Klotzsch - low spreading shrublet, to 250 mm, flowers pink; 12-7; Worcester, Montagu, Bredasdorp to Riversdale, common.
turbinatus N.E. Br. - low spreading shrublet, to 250 mm, flowers pink; 5-7; hills, Bredasdorp.

ARACHNOCALYX 2 sp - S W Cape, Ceres

cereris Compton - erect shrublet, 200-500 mm, flowers pale pink; 9-12; sandy lower slopes, Ceres.
viscidus N.E. Br. - erect shrublet, 200-400 mm, flowers cream; 10-1; sand, Ceres.

BLAERIA ca 34 sp - southern and tropical Africa

barbigera (Salisb.) G. Don - soft erect shrublet, 200-300 mm, flowers pink; 9-2; lower coastal slopes and flats, Caledon.
campanulata Benth. - low compact shrublet, 100-300 mm, flowers white; 2; upper slopes, Caledon.
coccinea Klotzsch - erect shrublet, 200-600 mm, flowers deep pink; 12-6; mountain slopes, Langeberg Mts., Swellendam to Mossel Bay.
dumosa Wendl. - low compact shrublet, 100-200 mm, flowers pink; 10-4; mountain slopes, Paarl, Stellenbosch, Caledon.
equisetifolia (Salisb.) G. Don - low compact shrublet, 100-200 mm, flowers pink; 10-4; mountain slopes, Stellenbosch, Paarl, Worcester, Peninsula to Bredasdorp.
ericoides L. - compact woody shrub, 200-800 mm, flowers pale pink, honey-scented; 1-4; lower slopes, Peninsula to Bredasdorp.
flexuosa Benth. - low compact shrublet, 100-300 mm, flowers pale yellow; 12-4; lower slopes, Caledon.

fuscescens Klotzsch - erect shrublet, 0,5-1 m, flowers deep pink; 4-1; lower slopes, George to Port Elizabeth.
klotzschii Alm & Fries - erect shrublet, 150-300 mm, flowers pink; 6-10; dry lower slopes, Caledon to George.
kraussiana Klotzsch ex Walp. - erect shrublet, 200-500 mm, flowers pink; 12-2; lower slopes, Caledon.
muirii L. Guthrie - erect shrublet, to 350 mm, flowers pink; 4-8; lower slopes, Swellendam to George.
oppositifolia L. Guthrie - low compact shrublet, 100-300 mm, flowers pink; 1; lower slopes, Caledon.
sagittata (Klotzsch) Alm & Fries - erect shrublet, 0,5-1 m, flowers white; 9-10; lower slopes, Humansdorp to Port Elizabeth.

COCCOSPERMA 3 sp - S W and S Cape

areolatum N.E. Br. - erect shrublet, 200-500 mm, flowers greenish; 8-11; upper slopes, Cedarberg to Hex River Mts.
hexandrum (Klotzsch) Druce - erect shrublet, 400-800 mm, flowers greenish; 9-4; mountain slopes, Peninsula to Bredasdorp.
rugosum Klotzsch - low erect shrublet, to 250 mm, flowers greenish; 4; hills near Bredasdorp.

COILOSTIGMA 2 sp - S and E Cape

glabrum Benth. - compact many-stemmed shrublet, 300-500 mm, flowers white to pink; 12; silcrete hills, Riversdale.
zeyherianum Klotzsch - erect shrublet, 0,2-1 m, flowers dirty white to greenish; 1-12; sandy coastal flats, Humansdorp to Port Elizabeth (E Cape).

EREMIA 7 sp - S W and S Cape

brevifolia Benth. - sparse erect shrublet, 200-300 mm, flowers white tinged red; 10-11; upper slopes, Mossel Bay.
calycina Compton - low compact shrublet, 200-300 mm, flowers pink; 9-11; sandy soils, Cold Bokkeveld.
curvistyla (N.E. Br.) E. Oliver - low spreading shrublet, 100-200 mm, flowers white; 9-12; rocky sandstone slopes, Piketberg to Ceres.
florifera Compton - erect shrublet, ?, flowers pink; 10; Ceres? (poorly known).
peltata Compton - erect shrublet, 200-500 mm, flowers pink; 8-11; sand, Ceres.
recurvata Klotzsch - low erect to spreading shrublet, 100-300 mm, flowers white; 11-1; rocky sandstone flats and slopes, Clanwilliam, Ceres.
totta (Thunb.) D. Don - spreading grey shrublet, 100-300 mm, flowers white; 9-11; common on rocky slopes, Cedarberg to Worcester, Paarl, Stellenbosch.

EREMIELLA 1 sp - S Cape

outeniquae Compton - low compact shrublet, 100-150 mm, flowers dull red; 10-1; upper slopes, Mossel Bay to Knysna.

ERICA ca 663 sp - Africa and Eurasia, mainly southern Africa

abelii E. Oliver - (Sect. **Evanthe**); gnarled woody shrub, to 600 mm, flowers lime-green; mainly 10-11; middle slopes, Uitenhage.
abietina L. - (Sect. **Evanthe**) (red heath, rooiheide); erect shrub, 500-800 mm, flowers red; 1-9; seeps on mountain plateaus, Wellington, Peninsula, Caledon.

accomodata Klotzsch - (Sect. **Elytrostegia**); erect shrub, 200-300 mm, flowers small, white, viscid; 1-9; flats and slopes in rock crevices, Worcester, Robertson, Caledon, Bredasdorp, Uniondale.

acockii Compton - (Sect. **Pseuderemia**); erect or sprawling shrub, to 500 mm, flowers small, dull pink; 4; marshy flats, Cape Flats at Brackenfell, rare (extinct?).

acuta Andrews - (Sect. **Trigemma**); erect shrub, 500-700 mm, flowers small, pink; 9-11; high alt., Paarl, Worcester, Franschhoek, Riversdale?.

adnata L. Bolus - (Sect. **Eurystoma**); erect shrub, 600-700 mm, flowers small, pink; 8-11; high alt., Paarl, Worcester, Caledon, Villiersdorp.

adunca Benth. - (Sect. **Geissostegia**); erect shrub, 500-700 mm, flowers small, white; 1-10; middle slopes, Langeberg, Outeniqua and Tsitsikamma Mts., Swellendam to Humansdorp.

aemula Guthrie & Bolus - (Sect. **Ephebus**); erect shrub, 200-500 mm, flowers small, white; 1-11; marshy high mountain plateaus, Wellington, Stellenbosch to Caledon.

affinis Benth. - (Sect. **Trigemma**); shrub, 0,7-1 m, flowers campanulate, pink; 10-12; mountain slopes, dry fynbos, Uniondale to Uitenhage (S Karoo mts.).

aghillana Guthrie & Bolus - (Sect. **Gypsocallis**) (bell heath, belletjie); low shrublet, to 250 mm, flowers small, pink; 4; rare on coastal flats, Bredasdorp.

albens L. - (Sect. **Platyspora**); shrub, 0,3-1,2 m, flowers small, white or yellowish; 4-12; damp upper slopes, Langeberg, Swartberg and Outeniqua Mts.

albescens Klotzsch ex Benth. - (Sect. **Ephebus**); shrublet to 300 mm, flowers small, white; 11-2?; lower slopes, Piketberg, Tulbagh, Swellendam?.

alexandri Guthrie & Bolus - (Sect. **Pachysa**); shrublet, 100-150 mm, flowers small, ?; 3; rare on sandy flats, Paarl (extinct?).

alfredii Guthrie & Bolus - (Sect. **Lamprotis**); shrublet, 100-200 mm, flowers urn-shaped, calycine, pink; 1-4?; high alt., Riviersonderend Mts., rare and local.

altevivens H.A. Baker - (Sect. **Trigemma**); shrublet to 300 mm, flowers small, white; 12-1; higher peaks, Worcester, Paarl, Caledon.

amoena Wendl. - (Sect. **Hermes**) (feathery heath); shrub, 0,3-1 m, flowers small, reddish; 9-2; marshy flats, Cape Peninsula.

amphigena Guthrie & Bolus - (Sect. **Amphodea**); shrub, 300-600 mm, flowers calycine, pale pink; 9-12; rare on upper slopes, Hottentots Holland and Houw Hoek Mts.

ampullacea Curtis - (Sect. **Euryloma**) (bottle heath, bottelheide, sissieheide); shrub, 300-500 mm, flowers large, urn-shaped, white to pink; 6-10; local on stony lower slopes, Caledon, Bredasdorp.

andreaei Compton - (Sect. **Pachysa**); shrub, 300-600 mm, flowers small, white; 9-10; local on upper slopes, Swartberg Mts., Willowmore.

aneimena Dulfer - (Sect. **Ceramia**) (= **E. hirsuta** Klotzch ex Benth.); shrub, 400-600 mm, flowers pink; 8-10; local on damp lower slopes, Outeniqua Mts. at George.

annectens Guthrie & Bolus - (Sect. **Pleurocallis**); shrub, 0,6-1 m, flowers long-tubular, orange to red; 1-3; rare and local on upper slopes, Cape Peninsula.

arcuata Compton - (Sect. **Pyronium**); shrub to 500 mm, flowers small, white; 1-12; summits and upper slopes, Cedarberg to Worcester, Witteberg and Klein Swartberg Mts.

ardens Andrews - (Sect. **Pachysa**) (Riversdale heath, wax heath, washeide); shrub, 300-700 mm, flowers sticky, globose, coral to white; 6-4; middle slopes, Langeberg Mts., Swellendam to Riversdale.

arenaria L. Bolus - (Sect. **Arsace**); shrublet to 250 mm, flowers small, white; 5-7; dunes, Riversdale.

argentea Klotzsch - (Sect. **Eurystoma**); shrub, 500-600 mm, flowers small, pink; 9-1; middle to upper alt., Cedarberg, Porterville, Ceres.

argyraea Guthrie & Bolus - (Sect. **Ephebus**); shrublet, 100-200 mm, flowers small, white to pale pink; 8-9; local on lower slopes, Paarl, Stellenbosch.
aristata Andrews - (Sect. **Euryloma**) (tygerhoekheide); shrub, 500-600 mm, flowers large, tubular-inflated, pink; 8-2; local on lower slopes, Caledon.
armata Klotzsch ex Benth. - (Sect. **Myra**) (= **E. umbrosa** H.A. Baker); shrub, 100-500 mm, flowers tubular, red to pink; 1-5; rock crevices on middle slopes, Ceres, Tulbagh, Worcester, Stellenbosch, Caledon.
articularis L. - (Sect. **Lamprotis**); shrub, 300-500 mm, flowers small, white, pink or purple; 7-4; mid to upper slopes, Clanwilliam to Peninsula, Caledon to Riversdale, Ladismith, Willowmore, Humansdorp.
aspalathoides Guthrie & Bolus - (Sect. **Ceramia**); spreading moss-like shrublet, to 200 mm, flowers small, white; 9-12; high summits, Cedarberg Mts., rare.
astroites Guthrie & Bolus - (Sect. **Platyspora**); shrub, 300-500 mm, flowers stellate, pink; 6-12; marshes and seeps at middle alt., Swartberg, Langeberg and Outeniqua Mts.
atricha Dulfer - (Sect. **Arsace**) (= **E. carinata** Klotzsch ex Benth.); shrublet to 300 mm, flowers small, pink; 6-1; Hottentots Holland Mts.
atropurpurea Dulfer - (Sect. **Ceramia**); shrublet, 250-300 mm, flowers small, purple-pink; 9-10; marshy ground, Langeberg Mts.
atrovinosa E. Oliver - (Sect. **Ceramia**); shrub, 500-600 mm, flowers urn-shaped, red with darker lobes; 1-4; high alt., Hex River Mts.
auriculata Guthrie & Bolus - (Sect. **Ephebus**); low shrublet, 150-200 mm, flowers small, white; 1-2; dry mountain slopes, Ceres.
autumnalis L. Bolus - (Sect. **Orophanes**); shrub, 0,4-1,5 m, flowers campanulate, white, pink or red; 2-11; wet slopes at middle alt., Stellenbosch, Caledon.
axilliflora Bartling - (Sect. **Hermes**) (crimson heath, klokkiesheide); shrub, 500-600 mm, flowers campanulate, deep pink; 1-9; coastal flats and lower slopes, Caledon, Bredasdorp.
azaleifolia Salisb. - (Sect. **Geissostegia**); shrublet to 300 mm, flowers small, white or pink; 7-3; mid to upper slopes, Paarl to Bredasdorp.
baccans L. - (Sect. **Trigemma**) (berryheath); sturdy shrub to over 1 m, flowers small, pink; 4-10; mountain slopes, Peninsula, Caledon?.
bakeri T.M. Salter - (Sect. **Orophanes**); shrub to 600 mm, flowers small, pink; 8-10; rare on marshy lower slopes, Paarl.
banksia Andrews - (Sect. **Didymanthera**) (= **E. banksii** Willd.); shrub, 500-600 mm, flowers tubular, white or pink; 4-10; lower slopes, Stellenbosch, Caledon, Bredasdorp.
bauera Andrews - (Sect. **Pleurocallis**) (Albertinia heath, witheide); shrub to 1 m, flowers tubular, white to pink; 1-12; local on sandy flats, Riversdale, Albertinia.
beatricis Compton - (Sect. **Didymanthera**); shrub to 500 mm, flowers white; 1; rare on upper slopes, Uniondale.
bergiana L. - (Sect. **Orophanes**); shrub to 900 mm, flowers small, pink; 9-3; moist slopes, Clanwilliam to Paarl, Stellenbosch, Robertson, Riviersonderend Mts.
berzelioides Guthrie & Bolus - (Sect. **Evanthe**); rigid shrub, to 500 mm, flowers tubular, pink; 4; coastal flats, Riversdale, Albertinia.
bibax Salisb. - (Sect. **Evanthe**) (satin heath, syheide); shrub to 1 m, flowers tubular, yellow; 4-11; middle slopes, Caledon, rare.
bicolor Thunb. - (Sect. **Pyronium**); shrub, 300-600 mm, flowers small, deep pink; 9-11; dry mid to upper alt., Clanwilliam to Worcester, Swartberg Mts., Tulbagh to Caledon, Plettenberg Bay, Knysna.
blancheana Bolus - (Sect. **Gamochlamys**); shrublet, to 300 mm, flowers small, pink; 3-10; damp areas, Cape Peninsula, rare.
blandfordia Andrews - (Sect. **Orophanes**); shrub, 700-900 mm, flowers small, yellow; 9-1; dry upper slopes, Tulbagh, Paarl, Worcester.

blenna Salisb. - (Sect. **Pachysa**) (lantern heath, Riversdale heath, belletjieheide); shrub to over 1 m, flowers large, urn-shaped, orange and green; 4-11; lower slopes, Swellendam to Riversdale.

blesbergensis H.A. Baker - (Sect. **Trigemma**); low branched shrublet, to 200 mm, flowers small, calycine, white; 7-10; high alt., Swartberg Mts.

bodkinii Guthrie & Bolus - (Sect. **Eurystegia**); shrub, 500-600 mm, flowers calycine, white; 6-7; marshy slopes, Caledon, Bredasdorp, rare.

bolusiae T.M. Salter - (Sect. **Ephebus**); shrub to 600 mm, flowers small, white to pink; 3-5; Cape Flats at Kraaifontein, rare.

borboniifolia Salisb. - (Sect. **Lamprotis**); shrub, 400-600 mm, flowers pink; 12-4; local on moist upper slopes, Genadendal.

brachialis Salisb. - (Sect. **Evanthe**); shrub to 2 m, flowers tubular, green-yellow; 8-2; among rocks near sea level, Peninsula to Caledon.

brachycentra Benth. - (Sect. **Ceramia**); low shrublet, 100-200 mm, flowers small, pink; 2-4; lower slopes, Mossel Bay to Knysna, rare.

brachysepala Guthrie & Bolus - (Sect. **Pyronium**); shrublet, 100-200 mm, flowers small, pink; 1-2; coastal flats and lower slopes, Caledon, Bredasdorp.

bracteolaris Lam. - (Sect. **Lamprotis**); shrub to 500 mm, flowers bracteolate, pink; 7-2; upper slopes, Langeberg Mts., Swellendam.

brevicaulis Guthrie & Bolus - (Sect. **Eurystoma**); low shrublet, to 100 mm, flowers tiny, red; 11-4; local on rock crevices at high alt., Hex River Mts.

breviflora Dulfer - (Sect. **Gigandra**) (= **E. scariosa** Thunb.); shrub, 0,5-1 m, flowers tubular, fragrant, white to red; 9-1; mid to upper slopes, Gifberg, Clanwilliam, Ceres, Worcester.

brevifolia Sol. ex Salisb. - (Sect. **Trigemma**); shrub to 500 mm, flowers calycine, rose; 9-1; middle slopes, Worcester, Paarl, Peninsula to Riversdale.

bruniades L. - (Sect. **Eriodesma**) (kapokkie); shrub, 400-500 mm, flowers pubescent, pink; 7-1; sandy flats, lower slopes and plateaus, Nieuwoudtville to Worcester, Malmesbury, Paarl, Peninsula to Bredasdorp.

bruniifolia Salisb. - (Sect. **Polydesmia**) (= **E. incurva** Wendl.); shrub, 400-500 mm, flowers cream in tight heads; 7-10; common on sandy flats and lower slopes, Caledon, Bredasdorp.

caffra L. - (Sect. **Ephebus**) (water heath, waterheide); shrub or small tree, 2-4 m, flowers white; 7-12; streamsides, flats and mountain slopes, widespread in S W Cape (E Cape to Natal).

calcareophila E. Oliver - (Sect. **Eurystegia**); nearly prostrate shrublet, to 150 mm, flowers wax-like, white, occ. reddish; 7-9; coastal limestone, Bredasdorp, rare.

caledonica A. Sprengel - (Sect. **Lamprotis**); densely leafy shrub, to 1 m, flowers urn-shaped, pink; 2; rock crevices at high alt., Caledon, rare.

calycina L. - (Sect. **Eurystoma**); rigid shrub, to 600 mm, flowers calycine, white or pink; 7-3; widespread on flats and slopes, Cedarberg to Port Elizabeth (E Cape).

cameronii Bolus - (Sect. **Dasyanthes**); prostrate shrublet, flowers striking, urn-shaped, crimson; 11-1; rocky mountain summits, Ceres, Worcester.

campanularis Salisb. - (Sect. **Leptodendron**) (Botriver heath, Botrivierheide); slender erect shrublet, 150-600 mm, flowers campanulate, yellow; 7-10; marshes and streambanks, Caledon.

canaliculata Andrews - (Sect. **Gamochlamys**); shrub or small tree, to 2 m, flowers small, pink; 1-12; common on moist lower slopes, George to Humansdorp.

canescens Wendl. - (Sect. **Ephebus**); shrub to 600 mm, flowers small, pink; 1-12; coastal flats and lower slopes, Malmesbury, Paarl, Peninsula to Bredasdorp.

capensis T.M. Salter - (Sect. **Orophanes**); erect shrub, to 500 mm, flowers small, deep pink; 12-4; local in marshes at low alt., Cape Peninsula.

capillaris Bartling - (Sect. **Gypsocallis**); shrublet to 300 mm, flowers small, pink; 12-2; sandy coastal flats, Peninsula to Bredasdorp.

capitata L. - (Sect. **Eriodesmia**) (kapokkie); shrublet, 200-300 mm, flowers pubescent, yellow; 9-2; dry sandy flats and lower plateaus, Malmesbury, Peninsula to Caledon.

carduifolia Salisb. - (Sect. **Pachysa**); shrublet to 300 mm, flowers campanulate, small, pink; 9-4; moist south-facing upper slopes, Ceres, Worcester, Robertson, Paarl to Caledon, Uniondale.

casta Guthrie & Bolus - (Sect. **Pleurocallis**); shrub, 300-500 mm, flowers tubular, white with red calyx; 10-7; rare and local on sandy flats, Bredasdorp.

caterviflora Salisb. - (Sect. **Ephebus**) (heuningblom); shrublet, 250-300 m, flowers small, white; 12-3; sandy lower mountain plateaus, Clanwilliam?, Peninsula, Swellendam?.

cederbergensis Compton - (Sect. **Ceramia**); shrublet to 100 mm, flowers small, dark pink; 12-3; rare on higher peaks, Cedarberg Mts.

cerinthoides L. - (Sect. **Dasyanthes**) (fire heath, rooihaartjie); fire-resistant shrub, 0,2-1,2 m, flowers pubescent, tubular, red; 1-12; sandy flats and slopes, widespread in S W Cape (E Cape to Transvaal).

cernua Montin - (Sect. **Pseuderemia**); shrublet to 150 mm, flowers small, pink; 9-12; common in marshes at high alt., Clanwilliam to Worcester, Robertson.

chamissonis Klotzsch ex Benth. - (Sect. **Gamochlamys**); shrub to 600 mm, flowers small, rose; 4-10; flats to middle slopes, Humansdorp, Uitenhage (E Cape).

chartacea Guthrie & Bolus - (Sect. **Geissostegia**); shrub to 500 mm, flowers calycine, white; 9-10; middle slopes, Langeberg Mts., Swellendam, rare.

chionophila Guthrie & Bolus - (Sect. **Orophanes**); shrublet to 300 mm, flowers small, deep red; 7-11; wet sandy flats and mountains, Worcester, Paarl.

chlamydiflora Salisb. - (Sect. **Lamprotis**); shrub to 500 mm, flowers small, pink; 9-11; lower mountain slopes, Ceres, Caledon.

chloroloma Lindley - (Sect. **Evanthe**); tall shrub, 2-2,5 m, flowers tubular, bright red with green tips; 5-9; coastal limestone, George to Port Elizabeth (E Cape).

chlorosepala Benth. - (Sect. **Lamprotis**); shrub to 600 mm, flowers calycine, bright yellow; 9-3; rare and local on higher peaks, Langeberg Mts.

chrysocodon Guthrie & Bolus - (Sect. **Ephebus**); shrub, 450-500 mm, flowers golden-yellow; 7-10; locally abundant in marshes at lower alt., Caledon, Villiersdorp.

cincta L. Bolus - (Sect. **Euryloma**?); shrublet to 300 mm, flowers small, red or white; 1-3; local at high alt., Caledon.

clavisepala Guthrie & Bolus - (Sect. **Pseuderemia**); shrublet to 300 mm, flowers small, dull red; 2-4; local in marshes and seeps at low alt., Cape Peninsula.

coacervata H.A. Baker - (Sect. **Ceramia**); shrublet to 200 mm, flowers small, pink to purple; 12-3; higher peaks, Worcester.

coarctata Wendl. - (Sect. **Chlorocodon**); shrublet to 300 mm, flowers tiny, reddish; 10-4; sandy flats and limestone hills, Clanwilliam, Tulbagh, Peninsula to Riversdale, Uitenhage.

coccinea L. - (Sect. **Gigandra**); rigid shrub, 1-1,2 m, flowers tubular, yellow, cream, pink, orange or red; 1-12; common on rocky flats and mountains, Clanwilliam to Knysna.

collina Guthrie & Bolus - (Sect. **Hermes**); shrublet, 200-300 mm, flowers small, rosy-mauve; 4-9; lower slopes, Caledon, Bredasdorp.

colorans Andrews - (Sect. **Evanthe**) (tregterheide); shrub, 500-700 mm, flowers tubular, white to pale pink; 5-9; streamsides at low alt., Caledon, Bredasdorp.

comata Guthrie & Bolus - (Sect. **Eurystoma**); pubescent shrub, flowers subcalycine, red; ?; high peaks, Langeberg Mts. at Swellendam.

comptonii T.M. Salter - (Sect. **Didymanthera**); shrub to 600 mm, flowers tubular, white, lobes reflexed, green; 12-1; rare and local at middle alt., Caledon.

condensata Benth. - (Sect. **Leptodendron**); shrub to 500 mm, flowers small, pink; 12-2; upper slopes and summits, Caledon to Swellendam.

conferta Andrews - (Sect. **Desmia**); shrublet, 100-200 mm, flowers small, grey-white; 1-4; high alt., Caledon to Riversdale, Uniondale.
conica Lodd. - (Sect. **Pleurocallis**); shrub, 400-500 mm, flowers medium-sized, campanulate, magenta; 5-8; lower slopes, Peninsula, Kogelberg Mts.
consobrina Guthrie & Bolus - (Sect. **Polycodon**); shrub, height uncertain, flowers campanulate-cyathiform, small, rosy; ?; upper slopes, Cedarberg Mts.
conspicua Sol. - (Sect. **Evanthe**); shrub, 0,2-2 m, flowers tubular, pubescent, orange to red; 1-12; marshy or damp middle slopes, Ceres, Worcester, Paarl, Caledon, Riversdale, Swartberg Mts., Ladismith.
constantia Nois. ex Benth. - (Sect. **Ephebus**); rigid shrub, height uncertain, flowers small, urn-shaped, white; 11-6; high alt., Hex River Mts.
copiosa Wendl. - (Sect. **Arsace**); shrublet to 300 mm, flowers small, many, pink; 2-11; flats and lower slopes, Clanwilliam, Montagu to Port Elizabeth (to Transkei).
cordata Andrews - (Sect. **Evanthe**); shrublet to 250 mm, flowers small, pink; 5-11; marshy upper slopes, Caledon, Riversdale to Uitenhage.
corifolia L. - (Sect. **Lamprotis**); slender shrublet, to 450 mm, flowers small, pink; 10-5; common on wet sandy flats and plateaus, Ceres, Peninsula to Uniondale.
coronanthera Compton - (Sect. **Arsace**); low shrublet, flowers small, pink; 4; middle alt., Outeniqua Mts., Plettenberg Bay to Humansdorp.
corydalis Salisb. - (Sect. **Cyatholoma**) (white petticoat heath, witrokheide); shrub to 450 mm, flowers campanulate, small, white; 10-1; common on steep south-facing upper slopes, Caledon.
costatisepala H.A. Baker - (Sect. **Trigemma**); low shrublet, 200-250 mm, flowers small, white; 12-2; high summits, Swartberg Mts., Ladismith.
crassisepala Benth. - (Sect. **Geissostegia**); shrublet, 150-200 mm, flowers calycine, small, white; 11-1; high alt., Tulbagh to Swellendam, rare.
crateriformis Guthrie & Bolus - (Sect. **Arsace**); shrublet to 300 mm, flowers ?; 8; rare on grassy slopes, Stellenbosch, Caledon.
cremea Dulfer - (Sect. **Evanthe**); shrublet to 300 mm, flowers tubular, cream; 11; upper mountain slopes, Paarl.
crenata E. Meyer - (Sect. **Pachysa**); shrub to 450 mm, flowers small, pink; 1-5; sandy flats and lower plateaus, Malmesbury, Peninsula.
cristata Dulfer - (Sect. **Euryloma**) (= **E. pectinata** Klotzsch); shrub to 600 mm, flowers tubular-urn-shaped, pink; 12-6; high alt., Paarl to Kogelberg Mts.
cristiflora Salisb. - (Sect. **Melastemon**) (= **E. moschata** Andrews); shrub, 0,7-1 m, flowers small, dark pink; 3-11; lower shale slopes, Cedarberg to Peninsula, Worcester to Oudtshoorn, George, Knysna.
cruenta Sol. - (Sect. **Evanthe**) (crimson heath, rooiheide); shrub, 0,8-1 m, flowers tubular, purple to red; 2-11; lower clay slopes, Caledon to Riversdale.
cryptanthera Guthrie & Bolus - (Sect. **Ceramia**) (resembles **E. myriocodon** Guthrie & Bolus); straggling shrublet, to 150 mm, flowers pale pink; 9-11; middle slopes, Paarl, Caledon.
cubica L. - (Sect. **Melastemon**); shrub to 450 mm, flowers small, pink or reddish; 7-12; marshy slopes, Swellendam to Uitenhage (to S Natal).
cumuliflora Salisb. - (Sect. **Oxyloma**); shrub to 450 m, flowers small, white in dense heads; 9-11; dry middle slopes, Caledon, Bredasdorp.
cupuliflora Dulfer - (Sect. **Leptodendron**); decumbent shrublet, 100-150 mm, flowers small, ?; 9-10; Ceres, rare.
curtophylla Guthrie & Bolus - (Sect. **Chlorocodon**); shrublet to 300 mm, flowers small, pink to magenta; 7-10; limestone flats and low hills, Bredasdorp to Riversdale.
curviflora L. - (Sect. **Evanthe**) (water heath, waterbos); stout shrub, to 1,6 m, flowers tubular, orange, red or yellow; 1-12; widespread on damp flats to upper slopes, Nieuwoudtville to Port Elizabeth (E Cape).

curvifolia Salisb. - (Sect. **Euryloma**); rounded shrub, 150-450 mm, flowers sticky, tubular or urn-shaped, deep pink; 11-1; dense stands on upper slopes, Caledon.
curvirostris Salisb. - (Sect. **Orophanes**) (heuningheide); shrub to 600 mm, flowers campanulate, small, white or pink; 2-4; dry stony shallow soil, Worcester to Peninsula, Caledon.
cuscutiformis Dulfer - (Sect. **Orophanes**); slender sprawling shrublet, to 250 mm, flowers small, urn-shaped; 8-10; upper slopes, Ceres.
cyathiformis Salisb. - (Sect. **Orophanes**); shrublet, 200-400 mm, flowers small, white to pink; 4-11; along streams and lower slopes, Clanwilliam to Paarl, Stellenbosch to Swellendam, Willowmore, Humansdorp.
cygnea T.M. Salter - (Sect. **Euryloma**); shrublet to 300 mm, flowers in nodding heads, viscid, pink; 1-2; lower slopes, Caledon, rare.
cylindrica Thunb. - (Sect. **Callista**); shrub, 1-1,2 m, flowers tubular, fragrant, pale yellow or white; 3-10; dry stony slopes, Tulbagh, Worcester.
cymosa E. Meyer - (Sect. **Ceramia**); straggling slender shrublet, flowers small, globular; 1; Du Toitskloof, rare.
cyrilliflora Salisb. - (Sect. **Ephebus**); diffuse shrub, to 600 mm, flowers small, rose; 2; rare in marshy areas, Cape Peninsula.
daphniflora Salisb. - (Sect. **Callista**); shrub to 600 mm, flowers urn-shaped, white, yellow, pink or wine-red; 7-3; sandy flats and slopes, Cedarberg to Tulbagh, Worcester to Swellendam.
decora Andrews - (Sect. **Hermes**) (klokkiesheide); shrub to 600 mm, flowers viscid, small, rose; 1-5; flats and lower slopes, Malmesbury, Stellenbosch, Peninsula.
deflexa Sincl. - (Sect. **Hermes**); small shrublet, 150-300 mm, flowers small, white; 11-1; mid to upper alt., Potberg, Outeniqua and Tsitsikamma Mts.
deliciosa Wendl. - (Sect. **Pyronium**); shrub, to 900 mm, flowers small, white or rose; 6-12; damp flats and mountain slopes, Riversdale to Port Elizabeth (E Cape).
demissa Klotzsch - (Sect. **Pyronium**); shrublet, 75-100 mm, flowers small, white; 4-9; mountain slopes, Humansdorp, Uitenhage (E Cape).
densifolia Willd. - (Sect. **Evanthe**); shrub to 900 mm, flowers tubular, curved, pubescent, red with greenish-yellow lobes; 9-3; flats to middle slopes, Swartberg, Langeberg and Outeniqua Mts., Riversdale to Humansdorp.
denticulata L. - (Sect. **Callista**) (lekkerruikheide); shrublet to 450 mm, flowers fragrant, urn-shaped, waxy, white, pink or yellow; 8-1; flats and lower slopes, Piketberg, Ceres, Worcester to Stellenbosch, Caledon.
depressa Andrews - (Sect. **Trigemma**); dwarf shrublet, to 100 mm, flowers small, white; 11-7; rock crevices on upper slopes, Peninsula, Kogelberg Mts.
desmantha Benth. - (Sect. **Geissostegia**); shrub to 1 m, flowers calycine, small, white; 2-8; moist upper slopes, Hottentots Holland Mts.
dianthifolia Salisb. - (Sect. **Lamprotis**); shrub, 600-750 mm, flowers calycine, white; 8-12; damp mountain slopes, Caledon to Riversdale.
diaphana Sprengel - (Sect. **Evanthe**); shrub, 1-1,5 m, flowers tubular, sticky, red to white with green lobes; 8-6; coastal, Swellendam, George to Port Elizabeth.
dichrus Sprengel - (Sect. **Evanthe**); shrub, 0,7-1 m, flowers tubular, viscid, pink or purple with yellow to white lobes; 6-4; lower slopes, Mossel Bay, George.
diosmifolia Salisb. - (Sect. **Elytrostegia**); robust shrublet, to 400 mm, flowers small, white to pink; 9-11; rock ledges at high alt., Peninsula, Hottentots Holland Mts.
diotiflora Salisb. - (Sect. **Pyronium**); shrublet to 300 mm, flowers many, small, pink; 11-1; lower slopes, Riviersonderend Mts.
discolor Andrews - (Sect. **Evanthe**); dense shrub, 1-1,5 m, flowers tubular, pink, red or white; 1-12; coastal and lower mountain slopes, Witteberg, Stellenbosch to Swellendam.

distorta Bartling - (Sect. **Ephebus**); shrub, 300-500 mm, flowers campanulate, small, yellow to rose; 12-6; marshes, streambanks and wet rock ledges, Cedarberg to Worcester, Paarl, Peninsula to Caledon.

dodii Guthrie & Bolus - (Sect. **Hermes**); sprawling shrublet, 200-400 mm, flowers small, pale pink with red lobes; 11; shady slopes below cliffs, Peninsula, Caledon, Swartberg and Kouga Mts.

doliiformis Salisb. - (Sect. **Dasyanthes**) (ninepin heath); shrub, 200-750 mm, flowers urn-shaped, pink; 9-4; rocky upper slopes, Ceres, Worcester, Paarl.

dysantha Benth. - (Sect. **Ephebus**); mat-forming shrublet, to 300 mm, flowers small, pubescent, white; 11-1; higher peaks, Langeberg Mts. at Riversdale.

eburnea T.M. Salter - (Sect. **Orophanes**); shrub, 500-600 mm, flowers small, white; 11-4; sandy flats, Cape Peninsula, rare.

elimensis L. - (Sect. **Leptodendron**); slender erect shrublet, to 400 mm, flowers campanulate, red to pink; 6-10; sandy flats, Caledon, Bredasdorp.

embothriifolia Salisb. - (Sect. **Chona**); slender shrub, to 450 mm, flowers tubular, bright pink; 10-4; rock crevices and ledges at high alt., Worcester, Caledon.

empetrina L. - (Sect. **Hermes**) (= **E. empetrifolia** L.); shrub, 300-500 mm, flowers dull red to pink; 9-12; rocky slopes often on ledges, Cape Peninsula.

erasmia Dulfer - (Sect. **Lamprotis**); shrublet to 300 mm, flowers urn-shaped, pink; 9-10; upper slopes, Hex River Mts.

erecta Bolus - (Sect. **Ceramia**) (= **E. muirii** L. Bolus); shrub, 300-500 mm, flowers sticky, pink to white; 2-7; south-facing upper slopes, Ladismith, Oudtshoorn, Mossel Bay.

eriocodon Bolus - (Sect. **Ephebus**); robust shrublet, 200-300 mm, flowers small, white; 10-11; rare on upper slopes, Cedarberg, Tulbagh.

eriophoros Guthrie & Bolus - (Sect. **Chromostegia**); pubescent shrublet, 200-300 mm, flowers small, hidden, white; 1; local at high alt., Ceres.

esterhuyseniae Compton - (Sect. **Ephebus**); shrublet, 300-400 mm, flowers small, white; 1-3; local on higher peaks, Swartberg Mts. to Uniondale.

etheliae L. Bolus - (Sect. **Evanthe**); shrublet to 200 mm, flowers tubular, pink; ?; Port Elizabeth (poorly known).

eugenea Dulfer - (Sect. **Eurystegia**) (= **E. nobilis** Guthrie & Bolus); erect shrub, to 600 mm, flowers large, urn-shaped, pink with wine-coloured lobes; 8-12; slopes and rock faces at high alt., Cedarberg Mts.

eustacei L. Bolus - (Sect. **Pachysa**); shrub to 750 mm, flowers globular, white; 9-11; dry ridges and summits, Witteberg and Swartberg Mts.

excavata L. Bolus - (Sect. **Eurystegia**); shrub, 500-750 mm, flowers calycine, pink or white; 7-10; coastal limestone and fossil dunes, Caledon, Bredasdorp, rare.

exsurgens Andrews - (Sect. **Pleurocallis**); shrub, 500-750 mm, flowers tubular, large, yellow, orange to red; 3-10; slopes and ravines at middle alt., Paarl, Stellenbosch, Caledon.

extrusa Compton - (Sect. **Hermes**); shrublet, 200-300 mm, flowers small, pink; 11-1; sandy lower slopes, Caledon.

fairii Bolus - (Sect. **Pachysa**); shrub to 600 mm, flowers urn-shaped, white; 12-8; rare on middle slopes, Cape Peninsula.

fascicularis L.f. - (Sect. **Bactridium**); shrub, 1,5-1,8 m, flowers tubular, large, pink with green lobes; 4-7; sandy slopes, Paarl, Stellenbosch to Bredasdorp.

fastigiata L. - (Sect. **Callista**) (four sisters heath); shrub, 450-500 mm, flowers urn-shaped, pink or white with stellate lobes; 7-3; damp flats to middle alt., Ceres to Stellenbosch, Caledon.

fausta Salisb. - (Sect. **Ephebus**); shrublet to 300 mm, flowers campanulate, pink; 5-11; lower slopes, Peninsula, Hottentots Holland Mts., Caledon.

ferrea Bergius - (Sect. **Pachysa**) (= **E. mucosa** L.); shrub, 500-700 mm, flowers small, magenta; 12-7; sandy flats and lower slopes, Malmesbury to Cape Flats.

fervida L. Bolus - (Sect. **Evanthe**); shrub to 1 m, flowers tubular, red; 9-3; lower south-facing slopes, Hottentots Holland and Kogelberg Mts., Caledon.

filamentosa Andrews - (Sect. **Pleurocallis**) (trilheide); erect shrub with bare stems, 1-1,5 m, flowers pink, long-pedicelled; 6-9; dry lower slopes, Bredasdorp, Swellendam.

filiformis Salisb. - (Sect. **Ceramia**); diffuse shrublet, 100-300 mm, flowers small, pink; 10-4; clay flats and slopes, Paarl, Stellenbosch, Caledon, Bredasdorp.

filipendula Benth. - (Sect. **Pleurocallis**); shrub, 500-600 mm, flowers urn-shaped, white, pink, yellow or red; 4-7; sandy hills and flats, Bredasdorp.

fimbriata Andrews - (Sect. **Trigemma**) (= **E. physantha** Benth.); shrub, 200-500 mm, flowers calycine, pink; 7-12; upper slopes, Swartberg and Outeniqua Mts.

flacca E. Meyer - (Sect. **Ceramia**); sprawling shrub, 400-500 mm, flowers small, magenta-pink; 10-2; high alt., Cedarberg, Ceres.

flavicoma Bartling - (Sect. **Hermes**); erect shrub, 300-500 mm, flowers yellow; 9-10; sandy flats, Bredasdorp.

flavisepala Guthrie & Bolus - (Sect. **Cyatholoma**); erect shrub, to 1 m, flowers urn-shaped, pink with yellow calyx; 11; seeps at high alt., Worcester, rare.

floccifera Zalbr. - (Sect. **Eurystoma**) (= **E. floccosa** Bartling); erect robust shrub, 500-700 mm, flowers small, white; 8-10; north-facing low to middle slopes, Stellenbosch, Caledon, Worcester, Robertson.

flocciflora Benth. - (Sect. **Pachysa**); woody shrublet, 300-400 mm, flowers lime-yellow with white calyx; 9-10; dry lower slopes and rock ledges, Kouga Mts., Uniondale to Willowmore, rare.

foliacea Andrews - (Sect. **Evanthe**); shrub, 800-900 mm, flowers yellow-green to orange-yellow; 4-11; lower slopes, Caledon.

fontana L. Bolus - (Sect. **Ephebus**); shrub, 1-1,8 m, flowers tubular, pinkish-white; 10-5; local in marshes, Cape Peninsula.

formosa Thunb. - (Sect. **Pachysa**) (white heath, witheide); shrub to 600 mm, flowers campanulate, small, white; 7-11; lower clay slopes, Mossel Bay to Humansdorp.

fourcadei L. Bolus - (Sect. **Evanthe**); sturdy shrublet, 200-300 mm, flowers tubular, red or yellow; 5-11; coastal rocks and lower slopes, Knysna to Humansdorp.

galgebergensis H.A. Baker - (Sect. **Eurystoma**); prostrate shrublet, 100-150 mm, flowers calycine, stellate, white; 10-11; rock crevices at high alt., Riviersonderend Mts., rare.

gallorum L. Bolus - (Sect. **Pleurocallis**); erect shrub, 500-600 mm, flowers campanulate, white or pink; 9-10; lower slopes, Hottentots Holland Mts., Caledon, rare.

galpinii T.M. Salter - (Sect. **Evanthe**); erect shrub, 500-900 mm, flowers tubular, bright yellow; 4-6; south-facing middle slopes, Caledon, rare.

genistifolia Salisb. - (Sect. **Oxyloma**); spreading shrublet, 200-300 mm, flowers small, white; 9-1; moist rock ledges, Peninsula, Caledon, rare.

georgica Guthrie & Bolus - (Sect. **Platyspora**); shrub, 200-300 mm, flowers urn-shaped, pink with spreading lobes; 6-2; moist slopes, Swartberg, Outeniqua and Tsitsikamma Mts.

gibbosa Klotzsch - (Sect. **Orophanes**); robust shrub, to 1,5 m, flowers small, clustered, white; 7-11; coastal flats and lower slopes, Outeniqua, Tsitsikamma and Swartberg Mts.

gigantea Klotzsch ex Benth. - (Sect. **Trigemma**); upright shrub, to 2 m, flowers calycine, white; 10; lower slopes, Klein Swartberg and Langeberg Mts. at Riversdale, rare.

gillii Benth. - (Sect. **Melastemon**); erect shrub, to 1 m, flowers calycine, small, pink; 7-8; mountain slopes, Langeberg Mts. at Riversdale.

gilva Wendl. - (Sect. **Pleurocallis**) (groenheide); erect shrub, to 1 m, flowers tubular, cream or pink; 12-1; slopes, Cape Peninsula.

glandulifera Klotzsch - (Sect. **Myra**); viscid low shrublet, 200-300 mm, flowers urn-shaped, magenta; 10-2; upper slopes, Cedarberg and Schurfteberg Mts., rare.

glandulosa Thunb. - (Sect. **Evanthe**); erect shrub, 500-700 mm, flowers long, tubular, pink to orange, occ. white; 3-9; flats and lower slopes, Mossel Bay to Port Elizabeth.

glauca Andrews - (Sect. **Eurystegia**) (cup-and-saucer heath, kommetjie-pieringheide); stout erect shrub, 0,5-2 m, flowers large, calycine, dark purple or pink with green corolla; 7-12; lower to middle slopes, Cedarberg, Ceres, Piketberg, Tulbagh to Caledon.

glomiflora Salisb. - (Sect. **Pachysa**); erect shrub, to 1 m, flowers white or pink; 1-12; coastal flats to middle slopes, Swartberg Mts., Willowmore, Mossel Bay to Humansdorp.

glumiflora Klotzsch ex Benth. - (Sect. **Elytrostegia**); shrub to 600 mm, flowers small, white; 5-12; common on sand dunes and lower slopes, George to Port Elizabeth.

glutinosa Bergius - (Sect. **Myra**); sticky erect shrublet, to 300 mm, flowers urn-shaped, pink or purple; 10-3; damp sand or marshes, Ceres, Worcester to Peninsula, Caledon.

gnaphaloides L. - (Sect. **Lamprotis**); slender shrub, to 400 mm, flowers small, pink; 7-1; marshy flats and lower slopes, Clanwilliam to Peninsula, Caledon.

goatcheriana L. Bolus - (Sect. **Eurystegia**); sturdy shrub, to 1,5 m, flowers pink, calyx pink or white; 5-1; rock crevices and ledges at high alt., Ceres, Worcester, Caledon.

gossypioides E. Oliver - (Sect. **Gamochlamys**); erect pubescent shrublet, to 450 mm, flowers campanulate, pink, calyx woolly; 12-4; upper slopes, Swartberg Mts., rare.

gracilipes Guthrie & Bolus - (Sect. **Trigemma**); shrub to 500 mm, flowers magenta; 8-12; limestone hills and ridges, Bredasdorp, Swellendam.

gracilis Wendl. - (Sect. **Orophanes**); erect shrub, to 500 mm, flowers small, clustered, pink; 6-12; flats and slopes, Ladismith, Swellendam to Humansdorp.

grandiflora L.f. - (Sect. **Pleurocallis**); robust shrub, to 1,5 m, flowers tubular, large, orange-red; 6-7; dry lower slopes, Ceres, Paarl, Stellenbosch, Witteberg Mts.

granulatifolia H.A. Baker - (Sect. **Melastemon**); sturdy shrublet, to 300 mm, flowers small, pink; 10; high alt., Langeberg Mts. at Riversdale.

granulosa H.A. Baker - (Sect. **Pyronium**); low branched shrub, to 450 mm, flowers small, white or pink; 9-11; local on south-facing upper slopes, Uniondale.

grata Guthrie & Bolus - (Sect. **Ceramia**); erect or scrambling shrublet, to 350 mm, flowers small, purple; 8-10; lower south-facing slopes, Langeberg Mts., Swellendam to Riversdale.

greyi Guthrie & Bolus - (Sect. **Pseuderemia**); sprawling shrublet, flowers urn-shaped, white; ?; Cold Bokkeveld.

grisbrookii Guthrie & Bolus - (Sect. **Eurystegia**); robust shrub, to 600 mm, flowers calycine, white; 6-7; rock crevices on dry lower slopes, Caledon, Bredasdorp.

guthriei Bolus - (Sect. **Geissostegia**); shrublet, 200-300 mm, flowers calycine, small, sticky, pink; 9-2; upper slopes, Cedarberg and Piketberg Mts.

haemastoma Wendl. - (Sect. **Orophanes**); slender shrublet, flowers globose to urn-shaped, pink; 5; Gifberg, Peninsula?.

haematocodon T.M. Salter - (Sect. **Ephebus**); spreading shrublet, to 200 mm, flowers small, dark red; 10-1; rock crevices at middle alt., southern Cape Peninsula, rare.

haematosiphon Guthrie & Bolus - (Sect. **Evanthe**); sparse shrublet, 500-900 mm, flowers tubular, red with white lobes; 12-3; rocky slopes and ledges at high alt., Clanwilliam to Worcester.

halicacaba L. - (Sect. **Eurystegia**) (bladder heath); rigid erect shrub, 1-2 m, flowers large, inflated, green to white; 9-11; rock crevices and ledges at middle alt., Cape Peninsula, rare.

harveiana Guthrie & Bolus - (Sect. **Pyronium**); woody shrublet, to 400 mm, flowers tiny, sticky, white; 10-11; upper slopes, Knysna to Humansdorp.

hebecalyx Benth. - (Sect. **Evanthe**); erect shrub, to 1 m, flowers tubular, large, white, yellow, greenish, pink or red; 9-5; high alt., Swartberg Mts., George to Uniondale.

heleogena T.M. Salter - (Sect. **Ephebus**); erect shrub, to 600 mm, flowers pink, clustered; 1-2; marshes at middle alt., southern Cape Peninsula, rare.

heleophila Guthrie & Bolus - (Sect. **Platyspora**); shrub to 500 mm, flowers urn-shaped, pink; 11-12; damp rock ledges, Swartberg and Langeberg Mts., rare.

hendricksii H.A. Baker - (Sect. **Callista**); erect shrub, to 450 mm, flowers stellate, white and pink; 1-5; local on marshy lower slopes, Caledon.

hesseana Wendl. ex Klotzsch - (Sect. **Pleurocallis**); shrub, to 450 mm, flowers purple; ?; locality not known.

heterophylla Guthrie & Bolus - (Sect. **Ceramia**); dwarf flexuose shrublet, flowers campanulate-urn-shaped, pink; ?; Swellendam.

hibbertia Andrews - (Sect. **Pleurocallis**); shrub to 600 mm, flowers tubular, large, sticky, orange-red with greenish lobes; 9-11; rock crevices and ledges at lower alt., Paarl, Caledon.

hippurus Compton - (Sect. **Ephebus**); erect shrub, to 900 mm, flowers small, urn-shaped, red; 6-7; granite at low to middle alt., Paardeberg, Malmesbury, rare.

hirta Thunb. - (Sect. **Ephebus**); viscid shrub, flowers urn-shaped, white; 4; calcareous hills, Bredasdorp.

hirtiflora Curtis - (Sect. **Ephebus**); erect shrub, 1-1,5 m, flowers small, pink to lilac; 2-12; coastal flats and lower slopes, Paarl, Worcester, Peninsula to Swellendam.

hispidula L. - (Sect. **Arsace**); erect shrub, to 1,8 m, flowers minute, white, pink or red; 1-12; widespread, Clanwilliam to Port Elizabeth (E Cape).

holosericea Salisb. - (Sect. **Eurystegia**); sparse erect shrub, to 900 mm, flowers campanulate, large, pink; 9-11; moist southern slopes, Caledon, Bredasdorp.

humansdorpensis Compton - (Sect. **Arsace**); decumbent shrublet, 200-300 mm, flowers tiny; 5-7; coastal flats, Humansdorp.

humifusa Salisb. - (Sect. **Melastemon**); woody shrublet, to 100 mm, flowers tiny, white or pink; 9-4; rocky summits, Hex River and Swartberg Mts., Robertson.

imbricata L. - (Sect. **Geissostegia**); erect shrub, to 800 mm, flowers calycine, white or pink; 2-11; coastal flats to middle alt., Caledon to Port Elizabeth (E Cape).

inamoena Dulfer - (Sect. **Eurystoma?**); shrublet to 250 mm, flowers ?; 10; upper slopes, Swartberg Mts. (poorly known).

incarnata Thunb. - (Sect. **Ceramus**); sprawling shrublet, to 400 mm, flowers urn-shaped, pink; 9-12; high alt., Cedarberg, Ceres, Swartberg Mts.

inclusa Wendl. - (Sect. **Trigemma**); slender shrub, to 500 mm, flowers campanulate, pink; 9-10; marshes, Langeberg Mts. at Riversdale, rare.

inconstans Zahlbr. - (Sect. **Arsace**); shrub to 500 mm, flowers tiny, pink; 7-10; upper slopes, Outeniqua Mts. at George to Uitenhage.

inflata Thunb. - (Sect. **Ceramus**); erect shrub, to 900 mm, flowers urn-shaped, dark pink; 9-5; upper slopes, Clanwilliam, Ceres.

infundibuliformis Andrews - (Sect. **Callista**) (= **E. pavettiflora** Salisb.); erect shrub, to 900 mm, flowers narrow-tubular, pink to reddish, fragrant; 12-7; damp mid to upper slopes, Worcester, Tulbagh, Paarl.

inops Bolus - (Sect. **Arsace**); erect shrub, to 800 mm, flowers tiny, white or pink; 5-10; middle slopes, Cape Peninsula.

inordinata H.A. Baker - (Sect. **Evanthe**); sturdy shrub, to 1,2 m, flowers large, tubular, very sticky, orange to red; 9-2; local at high alt., Uniondale.

insignis E. Oliver - (Sect. **Adelopetalum**); dwarf woody shrub, to 400 mm, flowers calycine, large, reddish, corolla very reduced; 11-12; rock crevices on north-facing upper slopes, Anysberg and Swartberg Mts.

insolitanthera H.A. Baker - (Sect. **Hermes**); erect sturdy shrub, to 1 m, flowers ovoid, sticky, red; 1-2; upper slopes, Caledon.

intervallaris Salisb. - (Sect. Ephebus); shrub, 400-600 mm, flowers numerous, pink; 7-1; low alt., Paarl, Caledon, Montagu.

intonsa L. - (Sect. **Euryloma**); erect shrublet, to 300 mm, flowers ovoid to urn-shaped, pink; 1-7; Caledon.

intricata H.A. Baker - (Sect. **Ceramia**); slender diffuse shrublet, to 100 mm, flowers small, pink; 4-5; high alt., Paarl, Caledon?, rare.

involucrata Klotzsch - (Sect. **Chromostegia**); decumbent shrublet, to 150 mm, flowers calycine, large, white or pink; 9-1; high alt., Clanwilliam, Ceres, Tulbagh.

irbyana Andrews - (Sect. **Euryloma**); erect shrub, to 450 mm, flowers inflated, pale pink; 10-1; lower slopes, Caledon to Elim.

irregularis Benth. - (Sect. **Trigemma**); erect shrub, 1-1,5 m, flowers small, pink; 6-10; coastal limestone, Hermanus to Gansbaai.

irrorata Guthrie & Bolus - (Sect. **Myra**); erect sticky shrublet, to 450 mm, flowers inflated-tubular, pink; 11-2; high alt., Ceres, Tulbagh.

jacksoniana H.A. Baker - (Sect. **Polycodon**); sturdy erect shrub, to 1,5 m, flowers small, pink; 3-5; marshes and seeps, Hottentots Holland Mts., Caledon.

jasminiflora Salisb. - (Sect. **Euryloma**) (jasmine heath, trompetheide); sparse erect shrub, to 600 mm, flowers white, long-tubed with broad stellate lobes; 1; clay flats, Caledon, rare.

jeppei L. Bolus - (Sect. **Ceramia**); dwarf shrublet, to 200 mm, flowers tiny, pink; 5; rock crevices at low alt., Humansdorp, rare.

junonia Bolus - (Sect. **Euryloma**); low sprawling shrublet, to 300 mm, flowers large tubular, pink, with spreading stellate lobes; 11-1; high peaks, Clanwilliam, Ceres, Worcester.

keeromsbergensis H.A. Baker - (Sect. **Trigemma**); dense low shrub, flowers small, white; 3-5; rocks at high alt., Worcester, rare.

keetii L. Bolus - (Sect. **Arsace**); erect shrub, to 600 mm, flowers globose to urn-shaped, small, pale pink; 9; roadside, Knysna.

kougabergensis H.A. Baker - (Sect. **Pyronium**); erect shrublet, to 300 mm, flowers small, pink; 9-11; south-facing upper slopes, Langeberg Mts. to Uitenhage.

kraussiana Klotzsch - (Sect. **Pyronium**); pubescent shrub, height ?, flowers small, lilac; ?; middle slopes, Caledon.

krugeri E. Oliver - (Sect. **Desmia**); low sprawling slender shrublet, flowers white with pink bracts; 10-12; upper slopes, Hottentots Holland Mts.

lachneifolia Salisb. - (Sect. **Eurystoma**); sturdy woody shrublet, to 350 mm, flowers open, white; 11; rock crevices at high alt., Villiersdorp, Worcester, rare.

laeta Bartling - (Sect. **Orophanes**); slender low shrub, 300-400 mm, flowers numerous, small, pink to red; 10-3; lower slopes, Peninsula, Caledon.

laevigata Bartling - (Sect. **Lamprotis**); erect shrub, 300-500 mm, flowers urn-shaped, lobes spreading, small, rose-pink; 12-4; mountain slopes, Caledon.

lananthera L. Bolus - (Sect. **Euryloma**); erect shrublet, to 300 mm, flowers urn-shaped, lobes spreading, white to dark rose; 10-3; lower coastal slopes, Caledon.

lanata Andrews - (Sect. **Eriodesma**); erect shrub, 300-600 mm, flowers white, woolly; 1-10; mountain slopes, George to Humansdorp.

langebergensis H.A. Baker - (Sect. **Pyronium**); slender erect shrub, 300-500 mm, flowers pink with stellate lobes; 9-10; upper slopes, Langeberg, Montagu, rare.

lanipes Guthrie & Bolus - (Sect. **Eurystegia**); erect shrub, 300-500 mm, flowers calycine, large, lilac and white; 9-10; high alt., Robertson, rare.

lanuginosa Andrews - (Sect. **Eurystegia**); erect shrub, to 600 mm, flowers large and inflated, greenish with rust-red calyx; 7-8; rocky middle slopes, Caledon.
lasciva Salisb. - (Sect. **Elytrostegia**); erect shrub, to 900 mm, flowers tiny, yellow-green; 2-6; sandy flats, Peninsula to Bredasdorp, Riversdale.
lateralis Willd. - (Sect. **Orophanes**) (button heath); erect shrub, to 450 mm, flowers urn-shaped, pink; 12-5; lower slopes, Tulbagh, Ceres, Worcester to Swellendam, Paarl, Caledon.
lavandulifolia Salisb. - (Sect. **Melastemon**); floriferous erect sturdy shrub, to 1,5 m, flowers small, lilac; 12-4; lower slopes, Piketberg, Tulbagh, Worcester.
lawsonia Andrews - (Sect. **Callista**); erect shrub, 300-500 mm, flowers tubular, stellate, white or pink; 2-4; middle slopes, Worcester, Robertson, Caledon.
lehmannii Klotzsch - (Sect. **Ceramia**); erect shrub, to 1 m, flowers small, white; 6-8; damp middle slopes, George, Knysna.
leptantha Dulfer - (Sect. **Lamprotis**); erect low shrublet, flowers small, rose-pink; 1-3; high alt., Tulbagh, Worcester, rare.
leptoclada van Heurck & Muell. Arg. - (Sect. **Ceramia**); low sprawling shrublet, flowers funnel-shaped; 10-12; middle slopes, Piketberg, Porterville, Paarl, Caledon.
leptopus Benth. - (Sect. **Arsace**); slender shrub, to 450 mm, flowers small, white; 9-1; sandy flats and plateaus, Clanwilliam to Worcester, Piketberg, Potberg?.
lerouxiae Bolus - (Sect. **Ephebus**); low spreading shrublet, flowers small, white; 7-9; middle slopes, Paarl, rare.
leucantha Link - (Sect. **Orophanes**) (heuningheide); branched shrub, to 300 mm, flowers small, white; 10-2; lower slopes, Paarl, Caledon.
leucanthera L.f. - (Sect. **Polycodon**); erect shrub, to 600 mm, flowers calycine, small, numerous, yellow; 9-11; sandy flats and lower slopes, Clanwilliam to Worcester, Robertson, Paarl.
leucodesmia Benth. - (Sect. **Trigemma**); sparse erect shrub, to 500 mm, flowers small, white; 9-11; high alt., Langeberg Mts., Worcester, Robertson.
leucopelta Tausch - (Sect. **Arsace**); sturdy erect shrub, 1-2 m, flowers tiny, red to white; 7-4; low alt., Caledon to Port Elizabeth (to E Transvaal).
leucosiphon L. Bolus - (Sect. **Evanthe**); compact woody shrublet, to 300 mm, flowers large, tubular, white; 10-11; middle slopes, Tulbagh, Porterville.
leucotrachela H.A. Baker - (Sect. **Evanthe**); erect branched shrub, to 1,5 m, flowers large, bright crimson and white; 5-10; moist upper slopes, Caledon.
lignosa H.A. Baker - (Sect. **Ephebus**); dwarf woody shrublet, flowers small, pink; 1-2; high summits, Swartberg Mts.
limosa L. Bolus - (Sect. **Ephebus**); diffuse slender shrublet, flowers small, white; 10-11; local on marshy ground, Cape Peninsula.
lineata Benth. - (Sect. **Gigandra**); erect woody shrub, to 600 mm, flowers short-tubular, white to red; 10-6; lower slopes, Bredasdorp.
loganii Compton - (Sect. **Lamprotis**); erect shrublet, to 300 mm, flowers small, white; 5; upper slopes, Witteberg Mts.
longiaristata Benth. - (Sect. **Hermes**); slender erect shrublet, to 300 mm, flowers small, white or pink; 10-3; lower slopes, Caledon, Bredasdorp.
longifolia Aiton - (Sect. **Pleurocallis**); shrub with flaccid pinoid leaves, to 900 mm, flowers large, tubular, white, yellow, orange, red, purple, greenish; 1-12; sandy mountain slopes, Worcester to Stellenbosch, Caledon, Bredasdorp.
longipedunculata Lodd. - (Sect. **Gypsocallis**) (= **E. dumosa** Andrews); slender shrublet, to 300 mm, flowers urn-shaped, small, pink; 11-4; dry sandy upper slopes, Clanwilliam to Tulbagh.
longistyla L. Bolus - (Sect. **Polycodon**); dwarf erect shrublet, flowers small, pink; 12-9; upper slopes, Cedarberg, Ceres, Hex River Mts.
lowryensis Bolus - (Sect. **Eurystoma**); sprawling shrublet, to 800 mm, flowers small, white; 10-11; mountain slopes, Hottentots Holland, Caledon.

lucida Salisb. - (Sect. **Eurystoma**); erect shrub, 300-600 mm, flowers small, pink to magenta; 9-11; damp mountain slopes and plateaus, Cedarberg to Peninsula, Ceres, Paarl.

lutea Bergius - (Sect. **Lamprotis**) (geelrysheide); slender branched shrub, to 900 mm, flowers numerous, yellow or cream; 10-5; middle slopes, Worcester to Peninsula, Caledon.

lycopodiastrum Lam. - (Sect. **Trigemma**); dwarf shrublet, flowers obconic, small, pale pink; ?; Paarl, Caledon.

macilenta Guthrie & Bolus - (Sect. **Platyspora**); erect slender shrub, to 1,5 m, flowers urn-shaped, pink; 12-1; moist middle slopes, Langeberg Mts.

macowanii Cufino - (Sect. **Evanthe**) (slamseheide); sturdy erect shrub, to 1,5 m, flowers large, tubular, yellow or red; 8-1; mid to upper alt., Caledon.

macroloma Benth. - (Sect. **Pachysa**); slender erect shrublet, to 300 mm, flowers open, pink; 8-10; lower slopes, Caledon.

macrophylla Klotzsch - (Sect. **Ceramia**); erect shrub, to 1 m, flowers small, white; 1-8; high alt., Langeberg Mts., Swellendam to Riversdale.

macrotrema Guthrie & Bolus - (Sect. **Polycodon**); erect sturdy shrub, to 2 m, flowers tiny, magenta; 9-1; flats and mountains, Cedarberg, Ceres, Witteberg.

maderi Guthrie & Bolus - (Sect. **Pseuderemia**); shrublet to 200 mm, flowers ovoid, white to rose; 7-1; mid to upper alt., Cedarberg, Ceres, Hex River Mts.

maesta Bolus - (Sect. **Chlorocodon**); shrub to over 2 m, flowers tiny, greenish; 9-11; upper slopes, Humansdorp (Karoo, E Cape to Natal).

mammosa L. - (Sect. **Pleurocallis**) (ninepin heath, rooiklossieheide); shrub to 1,5 m, flowers tubular, shades of red, pink, purple, cream, green or white; 11-5; damp coastal flats and mountain slopes, Cedarberg, Peninsula, Caledon.

manifesta Compton - (Sect. **Pleurocallis**) (= **E. ionii** H.A. Baker); straggling wiry shrub, 200-800 mm, flowers small, mauve to pink; 5-10; slopes, Swartberg Mts., Uniondale, Humansdorp.

margaritacea Sol. - (Sect. **Orophanes**) (heuningheide); erect shrub, to 450 mm, flowers urn-shaped, white or pink; 10-4; sandy flats and plateaus, Stellenbosch, Peninsula, Caledon.

mariae Guthrie & Bolus - (Sect. **Pleurocallis**); straggling shrub, to 2,5 m, flowers large, tubular, red; 7-3; coastal hills, Bredasdorp, Riversdale.

marifolia Sol. - (Sect. **Ephebus**); straggling slender shrublet, flowers white; 9-2; moist rock ledges, Cape Peninsula.

maritima Guthrie & Bolus - (Sect. **Arsace**); stout branched shrub, flowers tiny; 4-7; coastal flats, Caledon, Bredasdorp.

marlothii Bolus - (Sect. **Ephebus**); low rigid shrub, to 300 mm, flowers small, urn-shaped; 10-11; shady upper slopes, Hex River Mts.

massonii L.f. - (Sect. **Bactridium**) (Houwhoekheide); shrub, 1-1,5 m, flowers large, tubular, sticky, red with green lobes; 10-5; mountain slopes, Stellenbosch to Caledon.

mauritanica L. - (Sect. **Orophanes**) (= **E. viridipurpurea** L.); floriferous shrub, 0,5-1 m, flowers small, pink; 8-10; lower slopes, Peninsula, Stellenbosch.

maximiliani Guthrie & Bolus - (Sect. **Evanthe**); robust shrub, 1-1,5 m, flowers tubular, greenish-white or yellow; 7-12; rock crevices at mid to upper alt., Clanwilliam to Worcester, Witteberg, Swartberg, Rooiberg and Langeberg Mts.

melanacme Guthrie & Bolus - (Sect. **Eurystegia**); erect shrub, to 450 mm, flowers calycine, small, pink; 12-1; coastal hills, Bredasdorp.

melanthera L. - (Sect. **Gamochlamys**); floriferous erect shrub, to 600 mm, flowers wide-mouthed, small, pink; 6-1; moist slopes, Caledon to Port Elizabeth.

micrandra Guthrie & Bolus - (Sect. **Leptodendron**); shrublet to 300 mm, flowers small, whitish; 10-1; lower slopes, Ceres.

microcodon Guthrie & Bolus - (Sect. **Arsace**); sprawling shrub, 300-500 mm, flowers tiny, pink; 9-11; lower slopes, Swellendam, Riversdale, Humansdorp?.

minutissima Klotzsch - (Sect. **Arsace**); dwarf much-branched shrublet, to 100 mm, flowers small, whitish; ?; lower slopes, Stellenbosch.

mira Klotzsch ex Benth. - (Sect. **Leptodendron**); erect shrublet, to 200 mm, flowers few, tiny, whitish; ?; lower slopes, Worcester.

modesta Salisb. - (Sect. **Ephebus**); robust shrub, to 750 mm, flowers calycine, pink to white; 9-10; rock crevices, Robertson, Riviersonderend Mts., rare.

mollis Andrews - (Sect. **Ephebus**); shrub, to 600 mm, flowers pubescent, urn-shaped, pink; 11-12; marshy or moist slopes, Cape Peninsula.

monadelphia Andrews - (Sect. **Didymanthera**); robust shrub with persistent rootstock, to 500 mm, flowers tubular, sticky, crimson-red; 1-4 or after fires; sandy lower slopes, Peninsula, Caledon, Riversdale.

monantha Compton - (Sect. **Ceramia**); shrublet to 100 mm, flowers small, diffuse, tiny, white to pink; 12-3; sheltered rocks at high alt., Ceres, Porterville, rare.

monsoniana L.f. - (Sect. **Eurystegia**) (Bokkeveldsheide); shrub to 1 m, flowers ovoid, white; 4-10; sandy mid to upper slopes, Clanwilliam to Worcester, Witteberg, Bredasdorp.

mucronata Andrews - (Sect. **Eurystoma**); shrub to 500 mm, flowers small, pink; 8-3; stony slopes, Malmesbury, Riversdale, Uitenhage.

multumbellifera Bergius - (Sect. **Pachysa**) (= **E. ramentacea** L.); floriferous erect shrub, to 400 mm, flowers small, purple-red; 11-5; sandy flats and mountains, Tulbagh to Peninsula, Caledon to Riversdale.

mundii Guthrie & Bolus - (Sect. **Ceramia**); shrublet to 200 mm, flowers tiny, pinkish; 11; Swellendam.

myriocodon Guthrie & Bolus - (Sect. **Ceramia**); diffuse shrublet, to 200 mm, flowers tiny, whitish; ?; marshes, Paarl, Caledon.

nabea Guthrie & Bolus - (Sect. **Adelopetalum**); erect shrub, 1-1,5 m, flowers large, calycine, green and white, corolla very reduced; 5-8; moist flats and mountain slopes, George to Uitenhage.

nana Salisb. - (Sect. **Evanthe**); procumbent shrublet, to 200 mm, flowers large, tubular, yellow; 9-10; cliffs and rocks, Hottentots Holland Mts., Caledon.

nematophylla Guthrie & Bolus - (Sect. **Pleurocallis**); shrub, 300-500 mm, flowers tubular, white; 2-9; mountain slopes, Langeberg at Riversdale.

nemorosa Klotzsch ex Benth. - (Sect. **Polycodon**); erect shrub, to 2 m, flowers small, reddish; ?; coastal hills and ravines, Mossel Bay, Port Elizabeth (E Cape).

nervata Guthrie & Bolus - (Sect. **Melastemon**); shrub, 300-500 mm, flowers pink to red; 11-12; stony upper slopes, Swartberg Mts., Ladismith to Uniondale.

nevillei L. Bolus - (Sect. **Pleurocallis**); shrublet to 300 mm, flowers large, tubular, red-orange; 12-2; upper slopes, Cape Peninsula.

newdigatei Dulfer - (Sect. **Gamochlamys**) (= **E. longipes** Klotzsch); shrub to 500 mm, flowers small, pink; 6-10; flats and lower slopes, Humansdorp to Uitenhage.

nigrimontana Guthrie & Bolus - (Sect. **Lamprotis**); erect shrub, to 500 mm, flowers small, pinkish; 10-11; upper slopes, Caledon, rare.

nivea Sincl. - (Sect. **Eurystoma**); shrub, 500-600 mm, flowers small, ovoid, white; 7-11; lower slopes, Peninsula to Riversdale.

nubigena Bolus - (Sect. **Pachysa**) (= **E. macra** Guthrie & Bolus); shrublet to 300 mm, flowers urn-shaped, viscid, red-purple; 11-1; rocky upper slopes and summits, Clanwilliam to Worcester, Swartberg Mts. to Uniondale.

nudiflora L. - (Sect. **Gypsocallis**); floriferous erect shrublet, to 300 mm, flowers tiny, pink to red; 2-6; dry hills and lower slopes, Clanwilliam to Bredasdorp.

obconica H.A. Baker - (Sect. **Melastemon**); erect sturdy shrub, to 1 m, flowers small, rose; 10-11; high alt., Langeberg, Ladismith.

obliqua Thunb. - (Sect. **Pachysa**); slender erect shrub, to 500 mm, flowers ovoid, small, pink; 11-5; lower slopes, Peninsula to Hermanus.

oblongiflora Benth. - (Sect. **Pachysa**) (groentaaiheide); erect shrub, to 1 m, flowers ovoid, greenish; 4-6; coastal limestone flats, Bredasdorp.
obtusata Klotzsch ex Benth. - (Sect. **Desmia**); low spreading shrublet, to 300 mm, flowers small, white; 10-11; moist rock ledges and south-facing slopes, Peninsula to Caledon, rare.
occulta E. Oliver - (Sect. **Eurystegia**); compact shrublet, to 100 mm, flowers small, greenish, sessile; 8-9; cliffs on low limestone hills, Pearly Beach, rare.
ocellata Guthrie & Bolus - (Sect. **Ceramia**); shrub, 300-500 mm, flowers urn-shaped, small, pink; 9-12; summits and south-facing upper slopes, Langeberg Mts. at Swellendam.
octonaria Bolus - (Sect. **Evanthe**); shrub to 400 mm, flowers large, tubular, rose-pink; 9; Hermanus Mts.
odorata Andrews - (Sect. **Pachysa**); erect shrub, to 600 mm, flowers clustered, umbellate, white; 9-11; moist ledges and southern slopes, Hottentots Holland to Riviersonderend Mts., rare.
oliveri H.A. Baker - (Sect. **Desmia**); slender diffuse shrublet, to 150 mm, flowers pink; 10-11; lower slopes, Caledon, Bredasdorp.
omniglabra H.A. Baker - (Sect. **Ceramia**); small spreading shrublet, to 100 mm, flowers white; 9-12; upper slopes, Langeberg Mts., rare.
onosmiflora Salisb. - (Sect. **Pleurocallis**); shrub, 300-500 mm, flowers inflated, tubular, pink, white or yellow; 1-12; upper slopes and summits, Paarl, Bredasdorp.
onusta Guthrie & Bolus - (Sect. **Arsace**); shrub to 400 mm, flowers small, red; 11-12; fynbos patches between forest, George, Knysna.
oophylla Benth. - (Sect. **Ephebus**); small woody shrublet, to 100 mm, flowers tiny, pinkish; 1-2; rock crevices at high alt., Swellendam.
opulenta Wendl. ex Klotzsch - (Sect. **Pyronium**); shrub to 500 mm, flowers tiny, pink; 8-11; lower slopes and coastal flats, George to Humansdorp.
orculiflora Dulfer - (Sect. **Pseuderemia**); erect shrublet, to 350 mm, flowers ovoid, wine-red; 11-12; south-facing upper slopes, Worcester.
oreophila Guthrie & Bolus - (Sect. **Ceramia**); diffuse shrublet, to 150 mm, flowers small, urn-shaped, pink; 9-12; damp ledges, Worcester, Paarl, Stellenbosch.
oresigena Bolus - (Sect. **Ephebus**); sturdy shrub, 1-2 m, flowers urn-shaped, rose; 10-1; summits and upper slopes, Clanwilliam to Worcester, Swartberg Mts.
ostiaria Compton - (Sect. **Pyronium**); tall shrub, 1-2 m, flowers small, white; 3-4; upper slopes, arid fynbos, Klein Swartberg Mts.
ovina Klotzsch ex Benth. - (Sect. **Ephebus**) (kapokkie); sturdy erect floriferous shrub, to 900 mm, flowers ovoid, woolly, pink; 7-11; upper slopes, Worcester, Robertson, Caledon, Bredasdorp.
oxyandra Guthrie & Bolus - (Sect. **Ephebus**); erect shrub, to 400 mm, flowers urn-shaped, white; 1-2; moist middle slopes, Langeberg Mts. at Swellendam.
oxycoccifolia Salisb. - (Sect. **Ceramia**); mat-forming shrublet, to 100 mm, flowers few, tiny, pink; 12-2; moist rock faces, Cape Peninsula.
oxysepala Guthrie & Bolus - (Sect. **Pseuderemia**); shrublet to 200 mm, flowers small, yellow; 2-7; upper slopes, Clanwilliam, Piketberg, Tulbagh.
pageana L. Bolus - (Sect. **Leptodendron**); erect shrub, 1-2 m, flowers campanulate, deep yellow; 9-11; marshy summits and upper slopes, Caledon.
palliiflora Salisb. - (Sect. **Lamprotis**); shrub to 600 mm, flowers campanulate, rose or white; 10-4; upper slopes and plateaus, Ceres to Peninsula, Caledon to Riversdale.
paludicola L. Bolus - (Sect. **Ephebus**); diffuse sprawling shrublet, flowers small, pink; 9-2; marshy mountain slopes, Cape Peninsula.
paniculata L. - (Sect. **Pyronium**); erect shrub, to 500 mm, flowers small, red or white; 7-10; lower slopes and hills, Tulbagh to Peninsula, Caledon.

pannosa Salisb. - (Sect. **Ephebus**) (= **E. barbata** Benth.); viscid pubescent shrub, to 1 m, flowers clustered, white; 2-7; lower slopes, Riviersonderend Mts.

papyracea Guthrie & Bolus - (Sect. **Eurystegia**) (papery heath, lemoenbloeisels); erect shrub, to 2 m, flowers calycine, large, white; 9-12; mountain slopes, Caledon to Riversdale.

parilis Salisb. - (Sect. **Hermes**) (= **E. longisepala** Guthrie & Bolus); erect shrub, to 600 mm, flowers axillary, bright yellow; 1-5; dry upper slopes, Clanwilliam to Worcester, Montagu, Tulbagh, Paarl.

parviflora L. - (Sect. **Ephebus**); erect shrub, to 1 m, flowers tiny, white, pink to magenta; 4-11; mountain slopes, Worcester, Peninsula to Bredasdorp.

parvula Guthrie & Bolus - (Sect. **Ephebus**); dwarf shrublet, to 300 mm, flowers small, white to pink; 1-7; common on coastal flats and lower slopes, Caledon.

parvulisepala H.A. Baker - (Sect. **Evanthe**); erect sparsely branched shrub, to 1 m, flowers large, tubular, pink; 9-10; marshy upper slopes and plateaus, Riviersonderend Mts., rare.

passerinae Montin - (Sect. **Gamochlamys**); erect woody shrublet, to 600 mm, flowers cyathiform, red; 9-10; dry mid to upper slopes, Uniondale to Humansdorp.

patersonia Andrews - (Sect. **Evanthe**) (mealie heath, mielieheide); erect sparsely branched shrub, to 1 m, flowers large, tubular, yellow; 4-8; marshy coastal flats, Peninsula to Caledon.

pauciovulata H.A. Baker - (Sect. **Leptodendron**); diffuse shrublet, to 300 mm, flowers campanulate, deep pink; 10-11; marshy ground among restios, Caledon.

pectinifolia Salisb. - (Sect. **Dasyanthes**); erect shrub, to 1,5 m, flowers large, tubular, white; 4-11; lower slopes, Uniondale to Port Elizabeth.

pellucida Sol. - (Sect. **Callista**); spreading shrub, to 500 mm, flowers inflated, bright pink; 12-2; upper slopes, Riviersonderend Mts.

peltata Andrews - (Sect. **Polycodon**) (ker-ker, raasheide); erect shrub, 400-600 mm, flowers small, pink; 11-4; lower slopes, Caledon to Humansdorp.

penicilliformis Salisb. - (Sect. **Geissostegia**) (= **E. calyculata** Wendl.); erect shrub, to 500 mm, flowers small, white to pink; 9-4; coastal flats and lower slopes, Worcester to Peninsula, Caledon to Swellendam.

perlata Sincl. - (Sect. **Ephebus**); floriferous erect shrub, to 600 mm, flowers small, white; 9-12; high alt., Riviersonderend Mts., Worcester, Robertson, Caledon, Bredasdorp.

permutata Dulfer - (Sect. **Ceramia**) (= **E. confusa** Guthrie & Bolus); diffuse matted shrublet, to 200 mm, flowers small, pink; 11-4; moist slopes, Caledon, Riviersonderend Mts.

perspicua Wendl. - (Sect. **Evanthe**) (Prince-of-Wales heath, veerheide); erect shrub, 1-2 m, flowers curved, tubular, pubescent, white to pink; 9-4; marshy slopes and flats, Worcester to Stellenbosch, Caledon, Swellendam, George.

petiolaris Lam. - (Sect. **Trigemma**); erect shrub, to 500 mm, flowers small, white; 7-3; mountain slopes, Peninsula to Caledon.

petraea Benth. - (Sect. **Gypsocallis**) (= **E. krigeae** Compton); erect shrub, to 400 mm, flowers small, white or pink; 1-5; dry slopes, Swartberg Mts., George, Uniondale.

petrophila Bolus - (Sect. **Ceramia**); small mat-forming shrublet, to 50 mm, flowers tiny, white; 9-1; rock crevices and ledges, Caledon, Paarl, Stellenbosch.

peziza Lodd. - (Sect. **Ephebus**) (kapokkie); erect floriferous shrub, 0,5-1 m, flowers pubescent, white; 8-11; lower slopes, Caledon to Swellendam.

philippioides Compton - (Sect. **Arsace**); shrublet, 200-300 mm, flowers small, white; 9-10; rock ledges on upper slopes and summits, Clanwilliam, Ceres.

phillipsii L. Bolus - (Sect. **Pachysa**); shrub to 500 mm, flowers urn-shaped, reddish; 3-5; upper slopes, Cedarberg, Paarl.

phylicifolia Salisb. - (Sect. **Pleurocallis**) (= **E. purpurea** Andrews); shrub, 1-1,5 m, flowers large, tubular, magenta; 9-5; moist slopes, Paarl?, Peninsula.
physodes L. - (Sect. **Pachysa**) (sticky heath, taaiheide); erect shrub, to 700 mm, flowers large, inflated, sticky, white; 2-5; upper slopes, Cape Peninsula.
physophylla Benth. - (Sect. **Ceramia**); moss-like shrublet, to 50 mm, flowers small, reddish; 12-2; rock ledges near summits, Riviersonderend Mts. at Genadendal.
pillansii Bolus - (Sect. **Evanthe**); erect shrub, 1-1,5 m, flowers tubular, bright orange-red; 3-7; moist slopes and marshes, Caledon.
pillarkopensis H.A. Baker - (Sect. **Melastemon**); dense erect shrub, to 1 m, flowers pink; 8-12; mid to upper slopes, Caledon, rare.
pilulifera L. - (Sect. **Pyronium**); sparingly branched erect shrub, to 300 mm, flowers small, pink; 7-8; marshes, Cape Peninsula.
pinea Thunb. - (Sect. **Pleurocallis**); erect shrub, to 1 m, flowers large, tubular, white, yellow, orange or red; 1-5; dry western slopes and plateaus, Worcester, Paarl, Caledon.
placentiflora Salisb. - (Sect. **Geissostegia**) (klokkiesheide); erect shrub, to 600 mm, flowers small, numerous, pink; 7-12; flats and slopes, Nieuwoudtville?, Cedarberg to Stellenbosch, Caledon to Swellendam, Swartberg Mts.
planifolia L. - (Sect. **Ceramia**); dwarf diffuse shrublet, to 150 mm, flowers small, reddish; 10-12; lower slopes, Stellenbosch, Peninsula, Hottentots Holland Mts.
plukenetii L. - (Sect. **Gigandra**) (hangertjie); sturdy erect shrub, to 1 m, flowers tubular, pink to red, occ. white, green or yellow; 1-12; widespread, Nieuwoudtville to Mossel Bay, Witteberg (Namaqualand).
plumigera Bartling - (Sect. **Trigemma**); erect shrub, to 400 mm, flowers small, pink, white or magenta; 8-11; mid to upper slopes, Caledon.
podophylla Benth. - (Sect. **Ephebus**); small alpine shrublet, flowers small, whitish; 12-3; rock ledges at high alt., Langeberg Mts., Swellendam.
pogonanthera Bartling - (Sect. **Geissostegia**); small straggling shrublet, flowers small, pale pink; 9-11; Caledon Zwartberg.
polifolia Salisb. ex Benth. - (Sect. **Desmia**); spreading shrub, to 500 mm, flowers sticky, white; 9-11; mid to upper slopes, Caledon to Swellendam.
polycoma Benth. - (Sect. **Leptodendron**); floriferous erect shrublet, to 300 mm, flowers small, pink; 1-3; upper slopes, Riviersonderend Mts.
porteri Compton - (Sect. **Pleurocallis**); erect shrub, to 1 m, flowers large, tubular, pink to red, shading to white; 3-8; lower slopes, Caledon.
praecox Klotzsch - (Sect. **Ceramus**); small shrublet, to 200 mm, flowers pink; 12-2; upper ridges and summits, Worcester, Paarl, Stellenbosch.
praenitens Tausch - (Sect. **Callista**); erect shrub, to 500 mm, flowers large, tubular, pink?; 10; Paarl, Swellendam.
primulina Bolus - (Sect. **Didymanthera**); shrublet to 250 mm, flowers tubular, green to yellow; 7-4; upper slopes and summits, Swartberg Mts., Ladismith to Willowmore.
propendens Andrews - (Sect. **Ephebus**) (= **E. dulcis** Bolus) (bell heath, klokkiesheide); erect shrub, flowers dull rose with white throat; 9-1; marshy flats and lower slopes, Caledon.
propinqua Guthrie & Bolus - (Sect. **Trigemma**); erect shrub, to 1,5 m, flowers calycine, deep pink; 7-11; coastal limestone, Caledon, Bredasdorp.
pseudocalycina Compton - (Sect. **Eurystoma**); slender erect shrub, to 300 mm, flowers clustered, small, white; 12-2; middle slopes, Cedarberg, Ceres.
pubescens L. - (Sect. **Ephebus**); erect shrub, to 600 mm, flowers small, pubescent, white; 1-7; dry lower to middle slopes, Clanwilliam, Worcester, Tulbagh, Peninsula.
pubigera Salisb. - (Sect. **Ephebus**); shrublet to 250 mm, flowers urceolate, pubescent, white; 9-10; Langeberg Mts., Swellendam.

pudens H.A. Baker - (Sect. **Pseuderemia**); dwarf shrub, to 150 mm, flowers clustered, pendulous, white; 7-11; mountain slopes, Cedarberg, Ceres, Piketberg, Tulbagh.

pulchella Houtt. - (Sect. **Hermes**); compact shrub, to 600 mm, flowers in spikes, small, pink; 5-12; sandy flats and lower slopes, Peninsula to Mossel Bay.

purgatoriensis H.A. Baker - (Sect. **Ephebus**); diffuse shrub, flowers small, pink; 10; marshy upper slopes, Franschhoek.

pustulata H.A. Baker - (Sect. **Pleurocallis**); erect shrub, to 600 mm, flowers urn-shaped, bright yellow; 10; middle slopes, Hermanus Mts., rare.

pycnantha Benth. - (Sect. **Lamprotis**); slender shrub, to 300 mm, flowers calycine, bright pink; 10-1; Hottentots Holland Mts., Caledon.

pyramidalis Sol. ex Aiton - (Sect. **Ephebus**); shrub to 600 mm, flowers campanulate, rose; 10; flats and lower slopes, Peninsula (extinct?), Hottentots Holland Mts.

pyxidiflora Salisb. - (Sect. **Hermes**); shrub to 600 mm, flowers in spikes, whitish; 5-12; streamsides, Cape Peninsula.

quadrangularis Salisb. - (Sect. **Orophanes**) (baby heath); floriferous shrub, to 450 mm, flowers clustered, small, campanulate, pink; 7-12; dry flats and slopes, Clanwilliam to Knysna.

quadrisulcata L. Bolus - (Sect. **Pleurocallis**); shrub to 500 mm, flowers clustered, tubular, orange; 12-2; rocky summits, south Cape Peninsula, rare.

racemosa Thunb. - (Sect. **Gypsocallis**); shrublet to 300 mm, flowers urn-shaped, rose; 7-2; mountain slopes, Caledon to Riversdale.

recta Bolus - (Sect. **Pyronium**); shrub with persistent rootstock, to 300 mm, flowers ovate to urn-shaped, white or pink; 4-5; upper slopes, Swartberg Mts.

regerminans L. - (Sect. **Hermes**); floriferous shrub, 0,4-1 m, flowers globose to urn-shaped, bright pink; 8-4; mid to upper slopes, Caledon to Swellendam.

regia Bartling - (Sect. **Pleurocallis**) (Elim heath); shrub to 1 m, flowers tubular, striking red and white; 4-10; sandy coastal flats, Caledon, Bredasdorp.

retorta Montin - (Sect. **Euryloba**) (bottle heath); straggling shrub with reflexed leaves, flowers ampullaceous, sticky, pink; 1-12; coastal slopes, Caledon.

rhodantha Guthrie & Bolus - (Sect. **Polycodon**); shrub to 300 mm, flowers subcalycine, rose; 8-9; middle slopes, Swellendam, Riversdale.

rhodopsis Bolus - (Sect. **Euryloma**); low rounded shrublet with slender branches; flowers ovoid, pink; 12-2; Houw Hoek, rare.

rhopolantha Dulfer - (Sect. **Lamprotis**) (= **E. nodiflora** Klotzsch); erect shrub, 300-500 mm, flowers reddish or white; 11-5; sandy flats and slopes, Caledon, Bredasdorp.

ribisaria Guthrie & Bolus - (Sect. **Ephebus**); diffuse shrublet, to 450 mm, flowers globose to urn-shaped, mauve or pink; 1-4; marshes, Caledon, Swellendam.

riparia H.A. Baker - (Sect. **Ceramia**) (= **E. oligantha** Guthrie & Bolus); diffuse shrub, to 300 mm, flowers small, red to purple; 8-1; marshes, Caledon, Bredasdorp.

rubens Thunb. - (Sect. **Orophanes**); sprawling shrublet, to 300 mm, flowers urn-shaped, rose or red; 9-4; upper slopes, Cedarberg, Ceres, Caledon?.

rubiginosa Dulfer - (Sect. **Gypsocallis**) (= **E. fucata** Klotzsch ex Benth.); shrublet to 300 mm, flowers in dense spikes, small, white with dark stamens; 11-1; flats and lower slopes, Caledon, Bredasdorp.

rudolphi Bolus - (Sect. **Ephebus**); shrub to 600 mm, flowers ovate to urn-shaped, white; 10; high alt., Langeberg Mts. at Swellendam, rare.

rufescens Klotzsch - (Sect. **Myra**); slender shrublet, to 300 mm, flowers tubular-inflated, magenta; 1-4; upper slopes, Riviersonderend Mts., rare.

rupicola Klotzsch - (Sect. **Leptodendron**); erect shrublet, to 300 mm, flowers ovoid to urn-shaped, rose; 9-11; lower slopes, Swellendam, Riversdale, rare.

sacciflora Salisb. - (Sect. **Evanthe**) (swartbekheide); rigid shrub, to 1,5 m, flowers tubular, yellow, orange or red with dark lobes; 8-10; damp lower slopes, Paarl, Caledon.

salax Salisb. - (Sect. **Arsace**); low sprawling shrublet, flowers broadly cyathiform, ?; 6-10; flats and slopes, Hottentots Holland Mts. to Still Bay.

salteri L. Bolus - (Sect. **Ephebus**); slender sprawling shrublet, flowers campanulate, small, cream or pink; 12-2; locally abundant, marshes, Cape Peninsula.

savilea Andrews - (Sect. **Ceramus**); much-branched shrub, to 600 mm, flowers urn-shaped, pink; 1-5; high alt., Cedarberg, Ceres, Hex River Mts., Paarl, Caledon.

saxatilis L. Bolus - (Sect. **Orophanes**); dwarf shrublet, flowers urn-shaped, pink; 1-3; rock crevices at high alt., Ceres, Worcester.

saxicola Guthrie & Bolus - (Sect. **Eurystoma**); dwarf flexuose shrublet, to 150 mm, flowers small, white; 12-4; coastal rock ledges, Caledon, Bredasdorp.

saxigena Dulfer - (Sect. **Ephebus**); dwarf woody shrublet, to 150 mm, flowers medium-sized, urn-shaped, red; 9-11; rock crevices at high alt., Uniondale.

sitiens Klotzsch - (Sect. **Orophanes**); shrub to 600 mm, flowers oblong to urn-shaped, shades of pink, occ. white; 10-4; mountain slopes, Paarl to Caledon.

sociorum L. Bolus - (Sect. **Trigemma**); robust shrub, to 500 mm, flowers tubular, greenish; 2-3; rock crevices, Cape Peninsula, rare.

solandra Andrews - (Sect. **Pseuderemia**); slender pubescent shrub, to 450 mm, flowers in heads, pubescent, magenta; 2-11; foothills of Outeniqua Mts.

sonderiana Guthrie & Bolus - (Sect. **Amphodea**); compact shrublet, to 450 mm, flowers sticky, nearly urn-shaped, white; 9-1; high peaks, Ceres, Tulbagh, Worcester to Swellendam.

sonora Compton - (Sect. **Ceramus**); shrub to 1 m, flowers globose-inflated, pink; 4-7; Gifberg.

sparmannii L.f. - (Sect. **Dasyanthes**); sparsely pubescent shrub, to 450 mm, flowers pubescent, tubular, green; 3-11; flats and lower slopes, Long Kloof, Uniondale to Humansdorp.

sparsa Lodd. - (Sect. **Polycodon**) (= **E. floribunda** Lodd.) (ker-ker); shrub to 2 m, flowers calycine, small, numerous, pink; 4-11; lower slopes, Langeberg Mts. to Port Elizabeth (E Cape).

speciosa Andrews - (Sect. **Evanthe**); shrub to over 1 m, flowers tubular, curved and sticky, red and yellow; 7-3; mountain slopes, Caledon to Port Elizabeth, Witteberg and Swartberg Mts.

spectabilis Klotzsch ex Benth. - (Sect. **Pachysa**); stout shrub, to 700 mm, flowers globose to urn-shaped, white; 6-12; Bredasdorp to Riversdale, Witteberg and Swartberg Mts.

sphaerocephala Wendl. ex Benth. - (Sect. **Pseuderemia**); shrub to 300 mm, flowers urn-shaped, pink; 9-1; upper slopes, Ceres, Piketberg, Peninsula?.

sphaeroidea Dulfer - (Sect. **Ephebus**) (= **E. globosa** Andrews); robust shrub, to 800 mm, flowers sticky, globose-ovoid; 2-11; moist lower slopes, Paarl to Hottentots Holland, Peninsula?, Knysna?.

spumosa L. - (Sect. **Amphodea**) (frothy heath, swartbekkie); compact shrublet, to 450 mm, flowers in pendulous heads, pink or red; 8-12; dry lower slopes, Peninsula to Riviersonderend Mts.

squarrosa Salisb. - (Sect. **Euryloma**); scrambling pubescent shrublet, to 300 mm, flowers ovoid, urn-shaped, sticky, dull red; 10-4; upper slopes, Paarl to Hottentots Holland Mts.

steinbergiana Wendl. f. ex Klotzsch - (Sect. **Lamprotis**); erect shrublet, to 450 mm, flowers tubular, calycine, deep pink; 10-1; damp mountain slopes, Caledon, Langeberg Mts., George.

stenantha Klotzsch ex Benth. - (Sect. **Polycodon**); straggling shrublet, to 250 mm, flowers small, red; 9-1; upper slopes, Caledon, Swellendam.
stokoei L. Bolus - (Sect. **Trigemma**); rigid shrublet, to 200 mm, flowers subcyathiform, pink or white; 10-2; rock crevices at high alt., Caledon.
strigilifolia Salisb. - (Sect. **Dasyanthes**); bristly shrub, to 1 m, flowers tubular, pendulous, rose or white; 9-2; upper slopes, Swartberg Mts. to Uniondale.
strigosa Sol. - (Sect. **Ceramia**); straggling shrublet, to 300 mm, flowers cup-shaped, red; 7-11; rock crevices, Paarl, Peninsula.
stylaris Sprengel - (Sect. **Polydesmia**); shrublet to 200 mm, flowers subcalycine, white; 11-12; high alt., Mossel Bay to Humansdorp.
subdivaricata Bergius - (Sect. **Orophanes**); shrub to 1 m, flowers campanulate, white; 1-7; lower slopes, Lokenburg?, Worcester, Peninsula to Port Elizabeth.
subimbricata Compton - (Sect. **Geissostegia**); low shrublet, flowers subcalycine, white; 9-11; high alt., Ceres, Piketberg.
subulata Wendl. - (Sect. **Orophanes**); shrub to 1 m, flowers nearly urn-shaped, in terminal nodding heads, white or pink; 1-9; Ceres, Tulbagh, Paarl (Namaqualand?).
suffulta Wendl. ex Benth. - (Sect. **Geissostegia**); shrub to 450 mm, flowers nearly urn-shaped, white; 9-10; lower slopes, Hottentots Holland Mts., rare.
sulcata Benth. - (Sect. **Evanthe**) (resembles **E. curviflora**); erect shrub, flowers pubescent, tubular; ?; George (poorly known).
syngenesia Compton - (Sect. **Pachysa**); stout shrub, flowers broadly ovoid, white; 6-8; lower slopes, Ladismith, rare.
taxifolia Bauer - (Sect. **Lamprotis**); shrub to 600 mm, flowers calycine, rose-pink; 1-12; mid to upper slopes, Tulbagh, Paarl, Stellenbosch, Caledon.
tegulifolia Salisb. - (Sect. **Trigemma**) (banketheide); stout shrub, to 700 mm, flowers calycine, bright pink; 8-12; mid to upper alt., Ceres, Paarl to Hottentots Holland Mts.
tenax L. Bolus - (Sect. **Pleurocallis**); robust shrub, to 1 m, flowers tubular, sticky, greenish; 11-3; marshy flats to middle slopes, Caledon.
tenella Andrews - (Sect. **Orophanes**); shrub, 0,2-1 m, flowers ovoid, bright pink; 1-12; mountain slopes, Paarl to Caledon.
tenuicaulis Klotzsch ex Benth. - (Sect. **Ceramia**); slender trailing shrublet, flowers bell-shaped, pink; 9-4; rocks and cliffs at high alt., Riviersonderend to Langeberg Mts. at Riversdale.
tenuifolia L. - (Sect. **Lamprotis**) (witheide); much-branched shrublet, to 400 mm, flowers calycine, pink and white; 8-3; Hex River Mts., Paarl, Hottentots Holland Mts., Caledon.
tenuipes Guthrie & Bolus - (Sect. **Ceramia**); sprawling shrublet, flowers cyathiform, sticky, pink; 9-1; local on cliffs at high alt., Paarl Mts.
tenuis Salisb. - (Sect. **Arsace**); sprawling to erect shrub, to 1,5 m, flowers small, campanulate, white; 7-12; rocky ledges and slopes, Cedarberg to Worcester, Paarl, Peninsula to Port Elizabeth.
tetragona L.f. - (Sect. **Platyspora**); erect to trailing slender shrub, to 600 mm, flowers narrow, ovoid, yellow; 7-3; wet rocks from sea level to middle alt., Swellendam to Uitenhage.
tetrathecoides Benth. - (Sect. **Melastemon**); slender sprawling shrublet, to 250 mm, flowers pendulous, bell-shaped, pink; 9-5; marshes and seeps, Riversdale, Humansdorp?.
thimifolia Wendl. - (Sect. **Ceramia**); low scrambling shrublet, flowers tubular-conical, rose-pink; 9-3; damp lower slopes, Worcester, Tulbagh to Peninsula.
thomae L. Bolus - (Sect. **Pleurocallis**); robust shrub, to over 1 m, flowers tubular, sticky, white, occ. pink; 1-9; damp lower slopes, Hottentots Holland Mts. to Bredasdorp.

thunbergii Montin - (Sect. Cyatholoma) (Malay heath, geelrokheide); shrub to 600 mm, flowers yellow to orange-red; 9-1; high alt., Cedarberg to Ceres Mts.
tomentosa Salisb. - (Sect. Ephebus); shrublet to 300 mm, flowers urn-shaped, pubescent, lilac or red; 9-11; lower slopes, Hottentots Holland and Riviersondered Mts., rare.
toringbergensis H.A. Baker - (Sect. Ceramia); robust shrub, to over 1 m, flowers tubular-inflated, dark red; 12-1; high peaks, Swartberg Mts. at Ladismith.
trachysantha Bolus - (Sect. Melastemon); shrub to 600 mm, flowers cyathiform, distinctive red and white; 7-11; upper slopes, Uniondale.
tradouwensis Compton - (Sect. Ephebus); shrub to 450 mm, flowers ovoid to urn-shaped, pink; 2-8; middle slopes, Langeberg Mts.
tragulifera Salisb. - (Sect. Pachysa); shrub to 450 mm, flowers ovoid to urn-shaped, white; 3, 7-11; lower slopes, George to Uniondale.
transparens Bergius - (Sect. Callista) (ruikheide); shrublet to 450 mm, flowers narrow-tubular, white or pink; 12-3; mid to upper slopes, Paarl, Peninsula to Riversdale, Swartberg Mts. to Uniondale.
triceps Link - (Sect. Geissostegia); shrub to 600 mm, flowers calycine, white; 4-1; Riversdale to Humansdorp.
trichadenia Bolus - (Sect. Ephebus); flexuose shrub, to 1 m, flowers bell-shaped, sticky, white or pink; 10-4; upper slopes, Ceres to Hex River Mts.
trichophora Benth. - (Sect. Ephebus); shrub, 0,3-1 m, flowers campanulate, pink; 9; marshes, Caledon, Swellendam, rare.
trichophylla Benth. - (Sect. Orophanes); slender shrublet, to 400 mm, flowers cyathiform, small, white; 12; Caledon, rare.
trichostigma T.M. Salter - (Sect. Orophanes); much-branched shrublet, to 300 mm, flowers ovate to urn-shaped, pink or white; 3-8; sandveld, Malmesbury.
trichroma Benth. - (Sect. Euryloma); shrublet to 300 mm, flowers tubular-ovoid, sticky, dull red; 2-5; middle slopes, Tulbagh to Caledon.
triflora L. - (Sect. Trigemma); robust shrub, to 2 m, flowers calycine, white or pink; 1-12; mid to upper slopes, Paarl to Peninsula, Caledon.
truncata L. Bolus - (Sect. Eurystoma); low shrublet, to 200 mm, flowers calycine, pink or red; 8-12; upper slopes, Hottentots Holland Mts., rare.
tubercularis Salisb. - (Sect. Euryloma); slender low shrublet, flowers ovoid, pink; ?; Hottentots Holland Mts. to Swellendam, rare.
tumida Ker Gawler - (Sect. Dasyanthes) (= E. splendens Andrews); shrub, 1-2 m, flowers tubular-inflated, showy, scarlet; 10-2; rocky upper slopes, Cedarberg to Hex River Mts.
turbiniflora Salisb. - (Sect. Orophanes); slender shrublet, to 300 mm, flowers calycine, mauve, pink or white; 12-6; lower coastal slopes, Bettys Bay, local.
turgida Salisb. - (Sect. Ephebus); slender shrublet, flowers cup-shaped, pink or red; 11-12; local on sand flats, Cape Peninsula (extinct?).
turrisbabylonica H.A. Baker - (Sect. Callista); slender shrublet, to 300 mm, flowers slender, tubular, green turning red; 11-12; marshy mid to upper slopes, Caledon.
umbelliflora Klotzsch ex Benth. - (Sect. Pachysa); shrublet, flowers sticky, subglobose; ?; mountain slopes, Swartberg Mts. to Humansdorp (poorly known).
umbonata Compton - (Sect. Arsace); glandular shrub, to 300 mm, flowers urn-shaped, dull pink; 9-10; shady rock ledges, Swartberg Mts.
unilateralis Klotzsch ex Benth. - (Sect. Pyronium); flexuose shrublet, to 300 mm, flowers subtubular, white; 7-8; lower slopes, Uitenhage, Port Elizabeth (E Cape).
urna-viridis Bolus - (Sect. Pachysa) (sticky heath, groentaaiheide); shrub to over 1 m, flowers ovoid, sticky, green; 12-8; mountains, Cape Peninsula.
ustulescens Guthrie & Bolus - (Sect. Polydesmia); compact shrub, to 450 mm, flowers urn-shaped, sticky, white; 7-9; lower slopes, Caledon.

utriculosa L. Bolus - (Sect. **Ceramia**); prostrate moss-like shrublet, flowers cup-shaped, pink; 9-2; damp rock crevices, Peninsula to Caledon.
uysii H.A. Baker - (Sect. **Eurystoma**); robust shrub, to 2 m, flowers globose, rose; 9-10; limestone hills, Bredasdorp.
valida H.A. Baker - (Sect. **Ephebus**); compact shrub, to 450 mm, flowers ovate to urn-shaped, sticky, red or pink; 11-12; rocky upper slopes, Uniondale to Uitenhage.
vallis-aranearum E. Oliver - (Sect. **Evanthe**); shrub to 1 m, flowers pendulous, tubular, greenish; 4-6; moist upper slopes, Kogelberg Mts.
vallis-gratiae Guthrie & Bolus - (Sect. **Callista**); shrub to 450 mm, flowers subcylindric, red with white lobes; 9-10; high alt., Caledon, Robertson.
vanheurckii Muell. Arg. - (Sect. **Leptodendron**); compact or spreading shrublet, to 300 mm, flowers urn-shaped, pink; 10-2; dry slopes, Ceres, Worcester, Swartberg Mts.?
velitaris Salisb. - (Sect. **Orophanes**); shrublet to 300 mm, flowers subcyathiform, pink; 8-2; Peninsula?, Hottentots Holland Mts.
ventricosa Thunb. - (Sect. **Ceramus**) (wax heath, Franschhoekheide); shrub to 1 m, flowers ovoid to urn-shaped, pink; 10-2; upper slopes, Paarl, Stellenbosch.
verecunda Salisb. - (Sect. **Orophanes**); shrub to 1 m, flowers ovoid to urn-shaped, pink; 1-7; upper slopes, Gifberg, Cedarberg to Worcester, Witteberg, Swartberg?.
versicolor Wendl. - (Sect. **Evanthe**); robust shrub, to over 1 m, flowers tubular, red and green; 3-11; mountain slopes, Swellendam to Knysna, Hex River Mts.?
verticillata Bergius - (Sect. **Evanthe**); robust shrub, to 1,5 m, flowers tubular, mauve-pink; 1-5; marshes, Peninsula to Caledon.
vestiflua Salisb. - (Sect. **Gigandra**); shrub to 450 mm, flowers tubular, ?; 3-6, 9; Stellenbosch, Ceres?.
vestita Thunb. - (Sect. **Pleurocallis**) (trilheide); compact shrub, to 1 m, flowers tubular, red, occ. white or pink; 8-5; mountain slopes, Tulbagh, Worcester, Caledon to George.
villosa Andrews - (Sect. **Eriodesmia**) (kapokkie); shrublet to 400 mm, flowers urn-shaped, woolly, white; 6-11; flats and lower slopes, Caledon.
virginalis Klotzsch ex Benth. - (Sect. **Leptodendron**); slender shrublet, flowers subtubular, red; 12; Tulbagh, Ceres.
viridescens Lodd. - (Sect. **Evanthe**) (= **E. unicolor** Wendl.); shrub to over 1 m, flowers tubular, sticky, green; 5-9; flats to middle slopes, Riversdale to Humansdorp.
viridiflora Andrews - (Sect. **Didymanthera**); straggling shrub, to over 1 m, flowers tubular, occ. sticky, green; 10-1; mid to upper slopes, George to Humansdorp.
viscaria L. - (Sect. **Hermes**) (sticky heath, klokkiesheide); shrublet, 200-400 mm, flowers sticky, tubular-campanulate, dull red; 1-10; flats and lower slopes, Peninsula, Hottentots Holland Mts.
viscidiflora Esterh. - (Sect. **Eurystoma**); robust shrub, to 500 mm, flowers calycine, cyathiform, sticky, white; 5-12; high alt., Paarl to Stellenbosch.
vogelpoelii H.A. Baker - (Sect. **Lamprotis**); shrub to 450 mm, flowers calycine, deep rose; 12-4; middle slopes, Bredasdorp Mts.
walkeria Andrews - (Sect. **Callista**) (Swellendam heath); shrub to over 1 m, flowers urn-shaped, large, pink; 8-1; flats to upper slopes, Ceres to Swellendam.
wendlandiana Klotzsch - (Sect. **Evanthe**); shrub to 600 mm, flowers brick-red; ?; Tulbagh (extinct?).
winteri H.A. Baker - (Sect. **Pachysa**); spreading shrub, to 500 mm, flowers globose to urn-shaped, sticky, white or pink; 10-11; high alt., Langeberg at Riversdale.
wittebergensis Dulfer - (Sect. **Pachysa**); shrublet to 200 mm, flowers campanulate, sticky, red; 9-12; upper slopes, Piketberg, Paarl Mts.

xanthina Guthrie & Bolus - (Sect. **Evanthe**); shrublet to 400 mm, flowers tubular, dull orange-red; 9-12; local on high peaks, Riviersonderend Mts., rare.
xerophila Bolus - (Sect. **Evanthe**); sturdy shrub, to 2 m, flowers tubular, red; 4-8; mountain slopes, Ladismith to Humansdorp.
zebrensis Compton - (Sect. **Polycodon**); shrublet to 300 mm, flowers cyathiform, magenta; 11-12; upper slopes, Ladismith, George.
zitzikammensis Dulfer - (Sect. **Melastemon**); shrublet to 300 mm, flowers obconic-campanulate, rose; 11-12; high ridges, Tsitsikamma Mts.
zwartbergense Bolus - (Sect. **Arsace**); shrublet to 400 mm, flowers campanulate, sticky, small, whitish; 12; high alt., Swartberg Mts.

GRISEBACHIA 8 sp - S W and S Cape

ciliaris (L.f.) Klotzsch - compact shrub, 200-750 mm, flowers white to pink; 9-11; sandy slopes and plateaus, Nieuwoudtville to Citrusdal.
incana (Bartling) Klotzsch - low compact shrublet, 100-300 mm, flowers white to pink; 4-7; sandy flats, Malmesbury to Stellenbosch.
minutiflora N.E. Br. - low compact to spreading shrublet, 100-200 mm, flowers white; 10-1; sand, Ceres.
nivenii N.E. Br. - compact shrublet, 200-500 mm, flowers pink; 7-9; sandy flats, Swellendam.
parviflora (Klotzsch) Druce - sparse sprawling shrublet, 100-200 mm, flowers white; 7-1; rocky slopes, Cedarberg to Worcester, Swellendam.
plumosa Klotzsch - compact erect shrublet, 200-500 mm, flowers pink; 6-9; sandy flats and lower slopes, Gifberg to Malmesbury.
rigida N.E. Br. - compact shrublet, 200-500 mm, flowers pink; 8-10; sandy flats, Worcester.
secundiflora E. Oliver - low compact to sprawling shrublet, 200-500 mm, flowers white; 9-11; sand, Cold Bokkeveld.

NAGELOCARPUS 1 sp - S W Cape

serratus (Thunb.) Bullock - erect hard-leafed shrublet, 0,2-1 m, flowers greenish; 1-12; mountain slopes, Paarl, Worcester, Caledon, Bredasdorp.

PHILIPPIA ca 70 sp - southern and tropical Africa, mainly Madagascar

absinthoides (Thunb.) E. Oliver - (= **P. chamissonis** Klotzsch); erect shrub, 1-3 m, flowers dull cream; 11-5; rocky slopes, Langebaan, Peninsula to Bredasdorp.
alticola E. Oliver - erect shrublet, 200-400 mm, flowers dull white, tinged red; 10-1; south-facing upper slopes, Ceres, Worcester, Caledon.
elsieana E. Oliver - shrublet, flowers ?; 9; moist upper slopes, Swellendam (poorly known).
esterhuyseniae E. Oliver - shrublet, 200-400 mm, flowers dull cream; 10-1; upper slopes, Ceres and Swartberg Mts.
irrorata E. Oliver - erect sticky shrub, 0,5-2,5 m, flowers pale green, tinged red; 11-12; upper slopes, Ladismith, Heidelberg.
leeana Klotzsch - wiry shrublet, 100-400 mm, flowers dull cream to reddish; 8-4; dry slopes, Paarl, Stellenbosch, Peninsula to Bredasdorp.
notholeeana E. Oliver - low wiry shrublet, 100-300 mm, flowers cream, tinged red; 11-8; rocky slopes, Caledon, Paarl, Worcester.
petrophila E. Oliver - small compact shrublet, 50-300 mm, flowers cream, tinged red; 10-1; rocky slopes, Worcester, Caledon.
procaviana E. Oliver - compact shrublet, 200-300 mm, flowers greenish, tinged red; 9; summit slopes, Robertson.

stokoei L. Guthrie - erect shrublet, 100-600 mm, flowers dull greenish; 10-3; dry rocky slopes, Caledon.

PLATYCALYX 1 sp - S Cape

pumila N.E. Br. - low compact shrublet, 100-200 mm, flowers deep pink; 8-10; sand on calcareous hills, Riversdale, Albertinia,

SALAXIS 8 sp - S W and S Cape

axillaris (Thunb.) Salisb. ex G. Don - erect shrublet, 300-800 mm, flowers pale greenish; 5-12; mountain slopes and flats, Cape Peninsula.
calyciflora (Tausch) Druce - erect shrublet, 300-500 mm, flowers greenish; 12-7; flats, Peninsula and Cape Flats.
flexuosa Klotzsch - erect shrublet, 200-800 mm, flowers greenish; 1-12; slopes and flats, Tulbagh, Peninsula to Caledon.
major N.E. Br. - erect shrublet, 200-500 mm, flowers greenish; 6-9; mountain slopes, Cedarberg, Cold Bokkeveld, Peninsula.
octandra Klotzsch - erect shrublet, 200-500 mm, flowers greenish; 7-3; mountain slopes, Tulbagh to Bredasdorp.
puberula Klotzsch - erect shrublet, 200-500 mm, flowers greenish; 7-4; slopes and flats, Peninsula to Hermanus, Knysna.

SCYPHOGYNE 12 sp - S W and S Cape, Namaqualand

capitata (Klotzsch) Benth. - erect shrub, to 1 m, flowers cream, tinged red; 10-1; mountain slopes, Caledon, Worcester, Montagu.
calcicola E. Oliver - compact shrublet, 200-300 mm, flowers pale green tinged red; 1-3; calcareous hills, Bredasdorp.
divaricata (Klotzsch) Benth. - erect shrublet, 100-500 mm, flowers cream tinged red; 7-1; upper slopes, Gifberg to Bredasdorp and Witteberg (Namaqualand).
eglandulosa (Klotzsch) Benth. - dense finely branched erect shrublet, 200-300 mm, flowers dirty white; 7; mountain slopes, Caledon.
fasciculata Benth. - densely branched erect shrublet, 200-300 mm, flowers ?; 2; upper slopes, Riviersonderend Mts., Genadendal.
longistyla N.E. Br. - low spreading shrublet, 100-300 mm, flowers dirty white; 1-4; dry rocky slopes, Malmesbury, Stellenbosch, Caledon, Worcester.
micrantha (Benth.) N.E. Br. - dense erect shrublet, 0,3-1 m, flowers dull white; 9-1; rocky upper slopes, Ceres to Stellenbosch.
muscosa (Aiton) Steudel - (= **S. inconspicua** Brongn.); erect sticky shrub, 0,2-1 m, flowers dirty white; 1-12; abundant, Gifberg to George.
orientalis E. Oliver - compact shrublet, 300-500 mm, flowers greenish, tinged red; 9-1; rocky upper slopes, Swartberg Mts., Uniondale, Willowmore.
puberula Klotzsch - sparse erect shrublet, 200-300 mm, flowers pale cream; 6-8; mountain slopes, Caledon.
remota N.E. Br. - sparse erect shrublet, 300-500 mm, flowers cream; 12-1; sandy lower slopes, Genadendal.
tenuis (Benth.) E. Oliver - erect shrublet, to 500 mm, flowers greenish; 12; lower slopes, Riversdale.
urceolata (Klotzsch) Benth. - compact soft shrub, 0,3-2,5 m, flowers pale greenish; 9-5; south-facing rocky upper slopes, Cedarberg to Peninsula, Caledon.

SIMOCHEILUS 20 sp - S W and S Cape

acutangulus N.E. Br. - low straggling shrublet, 100-200 mm, flowers pink; 12-4; hills and lower slopes, Bredasdorp.
albirameus N.E. Br. - low sparse sprawling shrublet, 100-200 mm, flowers pale pink; 8-10; dry slopes, Nieuwoudtville to Cedarberg.
barbiger Klotzsch - erect shrublet, 200-600 mm, flowers pink; 12-2; lower slopes, Knysna, Uniondale to Uitenhage.
bicolor (Klotzsch) Benth. - compact shrublet, 100-300 mm, flowers pink; 5-10; lower slopes, Piketberg, Cedarberg to Worcester.
carneus Klotzsch - erect shrublet, 200-500 mm, flowers pink; 3-7; lower slopes, Knysna, Uniondale.
consors N.E. Br. - low compact shrublet, 200-300 mm, flowers pink; 10-4; mountain slopes, Hermanus.
dispar N.E. Br. - low shrublet, 100-300 mm, flowers pink; 8; sandy flats, Albertinia.
fourcadei (L. Guthrie) E. Oliver - erect shrublet, 200-500 mm, flowers pink; 3-4; dry slopes, Uniondale.
glaber (Thunb.) Benth. - low spreading shrublet, 100-200 mm, flowers pink; 9-2; dry slopes, Nieuwoudtville, Gifberg.
globiferus N.E. Br. - low shrublet, 100-200 mm, flowers pink; 9-10; lower slopes, Riviersonderend Mts.
hirta (Klotzsch) E. Oliver - low shrublet, 100-300 mm, flowers pink; 7-8; lower mountain slopes, Caledon.
multiflorus Klotzsch - erect shrub, 200-900 mm, flowers pale to deep pink; 11-5; slopes and flats, George to Humansdorp.
oblongus Benth. - low compact shrublet, 100-300 mm, flowers pink; 6-9; lower slopes, Piketberg.
patulus N.E. Br. - low shrublet, 100-300 mm, flowers pink; 4-8; hills and lower slopes, Hermanus to Bredasdorp.
piquetbergensis N.E. Br. - low shrublet, 200-300 mm, flowers pink; 8-10; upper slopes, Piketberg.
puberulus (Klotzsch) E. Oliver - low sprawling shrublet, 100-300 mm, flowers pale to deep pink; 5-10; slopes and plateaus, Nieuwoudtville to Piketberg, Malmesbury to Worcester.
pubescens Klotzsch - erect shrublet, 200-400 mm, flowers pink; 2-3; mountain slopes, Uitenhage.
purpureus (Bergius) Druce - compact low shrublet, 200-400 mm, flowers pink; 4-12; slopes and flats, Saldanha to Peninsula, Caledon to Bredasdorp.
quadrisulcus N.E. Br. - low sprawling shrublet, 100-300 mm, flowers pink; 3-12; upper slopes, Swartberg Mts.
submuticus Benth. - low shrublet, 100-200 mm, flowers pink; 4-9; sandy flats, Swellendam.

STOKOEANTHUS 1 sp - Hottentots Holland Mts., S W Cape

chionophilus E. Oliver - erect shrub, 0,5-1,2 m, flowers dull white; 10-12; moist upper slopes, Hottentots Holland Mts.

SYMPIEZA 8 sp - S W and S Cape

articulata (Thunb.) N.E. Br. - compact shrublet, 200-300 mm, flowers pink; 10-3; lower slopes, Paarl, Peninsula to Caledon.
breviflora N.E. Br. - low compact shrublet, 100-300 mm, flowers pink; 2; upper slopes, Cape Peninsula.

capitellata Licht. ex Roemer & Schultes - compact shrublet, 200-500 mm, flowers pink; 7-12; lower slopes, Peninsula, Stellenbosch, Caledon.
eckloniana Klotzsch - erect shrublet, 200-500 mm, flowers white; 7-11; moist slopes, Hermanus.
labialis (Salisb.) Druce - compact shrublet, 200-500 mm, flowers pink; 1-12; lower slopes, Paarl, Stellenbosch, Peninsula to Bredasdorp.
pallescens N.E. Br. - low compact shrublet, 100-200 mm, flowers pale pink; 12-5; lower slopes, Caledon.
tenuiflora Benth. - compact shrublet, 200-300 mm, flowers pink; 7; lower slopes, Stellenbosch.
vestita N.E. Br. - low compact shrublet, 100-300 mm, flowers pink; 12; lower slopes, Bredasdorp.

SYNDESMANTHUS 18 sp - S W and S Cape

articulatus (L.) Klotzsch - compact shrublet, 100-300 mm, flowers pink; 2-7; lower slopes and flats, Peninsula to Caledon.
breviflorus N.E. Br. - low compact shrublet, 100-150 mm, flowers dark red or pink; 8-12; gravelly hills, Elim.
ciliatus (Klotzsch) Benth. - low shrublet, 100-200 mm, flowers pink; 7-10; dry lower slopes, Caledon.
elimensis N.E. Br. - low shrublet, 100-200 mm, flowers pink; 12-4; lower slopes, Caledon to Bredasdorp.
erinus (Klotzsch ex Benth.) N.E. Br. - low shrublet, 150-300 mm, flowers pink; 8-4; lower slopes, Hermanus to Bredasdorp.
globiceps N.E. Br. - low sprawling shrublet, 100-200 mm, flowers pink; 8-12; lower slopes, Bredasdorp.
gracilis N.E. Br. - low shrublet, 100-200 mm, flowers pink; 1-6; upper slopes, Caledon to Riviersonderend.
paucifolius (Wendl.) Benth. - low spreading shrublet, 100-200 mm, flowers pink; 7-10; lower slopes, Caledon.
pulchellus N.E. Br. - low compact shrublet, 100-150 mm, flowers pink; 12; lower slopes, Napier.
pumilus N.E. Br. - compact shrublet, 100-300 mm, flowers deep pink; 2-4; hills, Elim.
scaber Klotzsch - low shrublet, 100-300 mm, flowers pink; 1-5; mountain slopes, Swellendam to George.
schlechteri N.E. Br. - low sparse spreading shrublet, to 100 mm, flowers pink, very sticky; 3-5; hills, Elim.
similis N.E. Br. - low shrublet, 100-200 mm, flowers pink; 4; lower slopes, Swellendam.
squarrosus Benth. - low shrublet, 100-300 mm, flowers pink; 7-8; lower slopes, Caledon to Riviersonderend.
sympiezoides N.E. Br. - low compact shrublet, 100-200 mm, flowers pink; 3-5; hills near Elim.
venustus N.E. Br. - low compact shrublet, 100-200 mm, flowers pink; 5-8; hills and lower slopes, Bredasdorp.
viscosus (Bolus) N.E. Br. - erect shrublet, 200-600 mm, flowers pink, in very sticky heads; 11-2; sandy flats, Albertinia.
zeyheri Bolus - low shrublet, 100-300 mm, flowers pink; 7-9; lower slopes, Hermanus to Bredasdorp.

THAMNUS 1 sp - S Cape

multiflorus Klotzsch - erect shrub, 0,2-1,5 m, flowers pink; 1-12; flats and lower slopes, Knysna to Uitenhage.

THORACOSPERMA 10 sp - S Cape

bondiae Compton - erect shrublet, 300-800 mm, flowers pink; 3; mountain slopes, Calitzdorp.
fourcadei Compton - erect shrublet, 300-500 mm, flowers pink; 8; low hills, Humandorp.
galpinii N.E. Br. - erect shrublet, 200-600 mm, flowers pink; 4-10; mountain slopes, Little Karoo, Langeberg Mts., Swellendam to Uniondale.
interruptum N.E. Br. - low spreading shrublet, 100-200 mm, flowers pale pink; 8-10; hills, Elim.
marlothii N.E. Br. - erect shrublet, 200-300 mm, flowers deep pink; 5-12; dry slopes, Witteberg and Swartberg Mts.
nanum N.E. Br. - low shrublet, 100-150 mm, flowers pink; 11-4; lower slopes, Uniondale to Humansdorp.
paniculatum (Thunb.) Klotzsch - erect shrublet, 200-600 mm, flowers pink; 4-11; lower slopes and flats, Langeberg Mts., Herbertsdale to George.
puberulum (Klotzsch) N.E. Br. - erect shrublet, 200-500 mm, flowers deep maroon; 7-10; dry lower slopes, Hermanus to Riversdale.
radicans L. Guthrie - prostrate shrublet, to 100 mm, flowers pink, sticky; 4-5; calcareous ridges, Riversdale, Albertinia.
rosaceum L. Guthrie - erect shrublet, 200-500 mm, flowers deep pink; 5-10; north-facing lower slopes, Langeberg Mts., Swellendam to Riversdale.

EUPHORBIACEAE

ACALPHYA ca 450 sp - pantropical and subtropical

capensis (L.f.) Prain & Hutch. - (= **A. decumbens** Thunb.); scrambling shrublet, to 3 m, flowers red; 6-2; coastal rocks or forests, Caledon to Port Elizabeth.
ecklonii Baillon - annual, 200-450 mm, flowers reddish; 11-3; coastal bush, George to Port Elizabeth (E Cape to Natal).
glabrata Thunb. - (forest false nettle, bosvalsnetel); scrambling shrub or small tree, 1-5 m, flowers greenish; 10-3; coastal forests, George to Uitenhage (E Cape to tropical Africa).
zeyheri Baillon - scrambling shrublet, 600-900 mm, flowers reddish; 10-11; grassland, Uitenhage.

ADENOCLINE 8 sp - southern Africa

acuta (Thunb.) Baillon - (= **A. mercurialis** Turcz.); scrambling perennial, to 1 m, flowers greenish; 10-4; forests, Stellenbosch to Port Elizabeth (E Cape to Transvaal).
humilis Turcz. - slender spreading perennial, 150-300 mm, flowers greenish; 9-10; Mossel Bay to Humansdorp (Karoo, E Cape).
ovalifolia Turcz. - spreading perennial, to 450 mm, flowers yellowish; 8-12; coastal bush, Peninsula to Riversdale (E Cape).
serrata Turcz. - spreading perennial, 300-600 mm, flowers yellowish; 12-2; flats or lower slopes, Peninsula, Knysna to Port Elizabeth (Karoo, E Cape).
sesssilifolia Turcz. - erect or spreading perennial, 300-450 mm, flowers yellow; 8-11; grassland, Clanwilliam, Malmesbury, Uniondale, Port Elizabeth.

stricta Prain - rigid herbaceous shrublet, to 250 mm, flowers greenish; 10-12; limestone hills, Bredasdorp.
violifolia (Kunze) Prain - (= **A. procumbens** Benth. ex Pax); sprawling annual, 50-100 mm, flowers yellow; 7-10; coastal bush, Clanwilliam to Peninsula, Swellendam, Uitenhage (E Cape).

ANDRACHNE ca 25 sp - mainly N Hemisphere, 1 in southern Africa

ovalis Muell. Arg. - (bastard lightning bush, basterbliksembos); shrub, 2-6 m, flowers greenish; 11-1; forest, George, Knysna, Uitenhage (to Transvaal).

CLUTIA ca 70 sp - Africa, Arabia

affinis Sonder - (oumeisieknie); erect shrub, 1-3 m, flowers white; 1-12; forest margins, Caledon to Port Elizabeth (E Cape to Transvaal).
alaternoides L. - (incl. **C. africana** Poiret?); much-branched shrub, 600-900 mm, flowers yellow; 5-10; flats and slopes, Cedarberg to Port Elizabeth (E Cape to Transkei).
brevifolia Sonder - much-branched shrub, 300-900 mm, flowers yellowish; 5-7; varied habitats, Albertinia to Port Elizabeth.
daphnoides Lam. - (vaalbossie); much-branched shrub, 1-2 m, flowers yellowish; 6-9; coastal bush, Malmesbury to Peninsula, Caledon to Port Elizabeth (E Cape).
ericoides Thunb. - wiry ericoid shrublet, 300-600 mm, flowers yellowish; 5-7; Piketberg to Peninsula, Worcester, Caledon to Port Elizabeth.
heterophylla Thunb. - slender shrublet, 100-300 mm, flowers white; 2-4; grassland, Uitenhage (E Cape to Transkei).
laxa Ecklon ex Sonder - shrub or shrublet, 150-600 mm, flowers cream to yellow; 4-9; rocky slopes near forest margins, Oudtshoorn, Riversdale, Knysna to Uitenhage (E Cape to Transvaal).
marginata E. Meyer - shrub with grey velvety leaves, to 1,2 m, flowers yellow; 8-11; lower slopes, Ladismith, Montagu, Swellendam, Knysna (Karoo).
ovalis Sonder - low shrublet to 450 mm; ?; lower slopes, Piketberg, Tulbagh (poorly known).
polifolia Jacq. - much-branched shrub, to 1,2 m, flowers greenish; 7-9; middle slopes, Gifberg, Cedarberg, Piketberg, Caledon, Swartberg Mts., Worcester to Port Elizabeth.
polygonoides L. - shrublet, 300-600 mm, flowers yellow or orange; 6-10; mountain slopes, Clanwilliam, Malmesbury to Peninsula, Caledon to Riversdale.
pterogona Muell. Arg. - lax shrub, 300-900 mm, flowers whitish; 8-10; lower slopes, Paarl, Peninsula, Caledon, Oudtshoorn, Humansdorp.
pubescens Thunb. - shrublet with velvety leaves, 150-300 mm, flowers orange; 3-7; lower slopes, Gifberg, Piketberg, Tulbagh to Peninsula, Caledon to George (E Cape).
pulchella L. - (lightning bush, gewone bliksembos); shrub or tree, 2-6 m, flowers white; 4-10; usually in forest areas, Peninsula to Port Elizabeth (E Cape to Transvaal).
rubricaulis Ecklon & Zeyher ex Sonder - (jeukbossie); much-branched shrub, 150-600 mm, flowers cream; 6-2; coastal flats or lower slopes, Gifberg to Worcester, Piketberg, Paarl, Caledon to Port Elizabeth (Namaqualand).
sericea Muell. Arg. - shrublet, 150-300 mm, flowers whitish; ?; Malmesbury (poorly known).
tomentosa L. - (wolbossie); greyish-leafed shrub, 600-800 mm, flowers cream; 8-9; lower coastal slopes, Montagu, Caledon to Swellendam.

CTENOMERIA 1 or 2 sp - southern Africa

capensis (Thunb.) Harvey ex Sonder - twining perennial, to 3 m, flowers green; 11-1; riverine bush, George to Port Elizabeth (E Cape to Transvaal).

DALECHAMPIA ca 110 sp - warm regions, especially New World

capensis Sprengel f. - climbing, somewhat woody perennial, to 4 m, flowers with large yellow-green bracts; 10-11; forest margins or coastal bush, Humansdorp, Uitenhage (E Cape to tropical Africa).

EUPHORBIA ca 2 000 sp - cosmopolitan
(the species without succulent aerial stems are here treated separately)

crispa (Haw.) Sweet - acaulescent tuberous-rooted perennial, leaves 50-100 mm, flowers greenish; 7-9; Gifberg, Clanwilliam, Ceres, Malmesbury (W Karoo).
ecklonii (Klotzsch & Garcke) Haessler - (melkbol, wilderamenas); acaulescent tuberous-rooted perennial, leaves in rosettes, flowers greenish; 5-8; Tulbagh, Caledon to Mossel Bay.
epicyparissias E. Meyer ex Boiss. - (pisgoed); shrub, 1-2 m, flowers greenish; 8-1; Oudtshoorn, George, Knysna, Uniondale (E Cape to Transvaal).
ericoides Lam. - small-leafed shrublet, 100-450 mm, flowers green; 8-1; Swellendam to Port Elizabeth (E Cape).
erythrina Link - (pisgoed); leafy perennial, 150-600 mm, flowers green; 6-10; Ceres to Peninsula, Worcester, Caledon to Port Elizabeth (E Cape).
foliosa N.E. Br. - dwarf shrublet, 60-150 mm, flowers green; 8-10; coastal flats, Peninsula, Caledon?.
genistoides A. Berger - (pisgoed); leafy erect perennial, 100-600 mm, flowers green; 8-10; Gifberg to Ceres, Malmesbury to Peninsula.
kraussiana Bernh. - shrub, 300-900 mm, flowers green; 9-2; sheltered forest areas, George to Port Elizabeth (E Cape to Transvaal).
silenifolia (Haw.) Sweet - (= E. elliptica Thunb); acaulescent tuberous-rooted perennial, 50-200 mm, flowers greenish; 6-9; lower slopes, Peninsula, Caledon, Worcester, George to Port Elizabeth (E Cape).
striata Thunb. - (melkgras); slender erect perennial, 200-450 mm, flowers yellow; 9-11; Peninsula?, Humansdorp, Uitenhage (E Cape to Transvaal).
tuberosa L. - (melkbol); acaulescent tuberous perennial, 30-80 mm, flowers green; 4-9; sandy flats and hills, Ceres to Paarl, Worcester, Malmesbury, Peninsula to Swellendam (S Namaqualand).

EUPHORBIA
(species with succulent aerial stems)

arceuthobioides Boiss. - (melkbos, steenbokbos); much-branched spineless succulent shrublet, 150-300 mm; 9-11; Clanwilliam to Worcester, Piketberg, Malmesbury, Peninsula to Caledon.
atrispina N.E. Br. - cushion-like spiny succulent, 70-200 mm, flowers purplish; ?; karroid areas, Ladismith (Karoo).
burmannii E. Meyer ex Boiss. - (steenbokmelkbos, lidjiesmelkbos); much-branched spineless succulent shrub, 300-700 mm, flowers green; 7-9; varied habitats, Gifberg to Malmesbury, Worcester, Montagu, Bredasdorp to Port Elizabeth (Namaqualand).

caput-medusae L. - (medusa's head, vingerpol, noordpol); spineless succulent, branches radiating from centre, 200-300 mm x 600-900 mm, flowers cream; 6-9; sandy lower slopes, Malmesbury, Peninsula.

clandestina Jacq. - (volstruisnek); shrub with cylindric spineless succulent stems, 300-600 mm, flowers green; 12; Swellendam to Mossel Bay, Oudtshoorn, Uniondale.

clava Jacq. - shrub with club-shaped succulent stems, 0,3-1,2 m, flowers green; 12-3; Uitenhage, Port Elizabeth (E Cape).

colliculina White, Dyer & Sloane - shrub with spineless succulent branches radiating from centre, flowers bright red; ?; limestone hills, Oudtshoorn.

corymbosa N.E. Br. - spineless branching shrublet; ?; Riversdale (poorly known).

eustacei N.E. Br. - (hedgehog pincushion, doringpol); spiny succulent cushion, 110-150 mm x 200-300 mm, flowers green; 8-9; Montagu (Karoo).

fasciculata Thunb. - (noordpol); erect shrub with cylindric succulent stems, 80-300 mm, flowers greenish; 1-3; Clanwilliam (S Namaqualand).

fimbriata Scopoli - spiny or spineless branched succulent, 300-900 mm, flowers yellowish-green; 4-5; Uitenhage (E Cape).

fortuita White, Dyer & Sloane - (vingerpol); dwarf succulent with stems radiating from centre, 30-120 mm, flowers purple; 4; Ladismith.

globosa (Haw.) Sims - (eierpol, knopmelkpol); low succulent shrublet with globose branches, 30-80 mm, flowers green and red; 11-2; Uitenhage, Port Elizabeth.

gorgonis A. Berger - (melkpol, vingerpol); prostrate succulent with stems radiating from centre, flowers crimson; ?; Uitenhage, Port Elizabeth (E Cape).

hallii R. A. Dyer - sparsely branched shrub with cylindrical stems, leafy above, to 400 mm, flowers dark red; 4-9; Clanwilliam (W Karoo).

hamata (Haw.) Sweet - (olifantsmelkbos); much-branched succulent shrub, to 450 mm, flowers yellow or red; 8-12; Clanwilliam, Piketberg (Namaqualand, Namibia).

heptagona L. - (donkienoorsdoring); spiny succulent branched shrub, 300-900 mm, flowers green and reddish; 6-9; rocky slopes, Riversdale, Ladismith (Karoo).

horrida Boiss. - (regopnoors); spiny succulent shrub, 500-900 mm, flowers green; ?; Ladismith.

juglans Compton - succulent with subhemispherical stems, 30-50 mm, flowers green and reddish-brown; 4-7; white quartzite patches, Ladismith.

karroensis (Boiss) N.E. Br. - (resembles **E. burmannii**); much-branched succulent shrub, to 200 mm; 9; Port Elizabeth.

ledienii A. Berger - (suurnoorsdoring); spiny much-branched shrub with succulent base, 1-2 m, flowers yellow; 1-2; Humansdorp to Port Elizabeth (E Cape).

loricata Lam. - (hedgehog, doringpol); spiny erect shrub, leafy above, 300-900 mm, flowers green; 8-9; rocky mountain slopes, Gifberg, Clanwilliam (Karoo).

macella N.E. Br. - succulent leafless and spineless shrub, to 1 m, flowers green; ?; Mossel Bay.

mamillaris L. - (voetangel, noorsdoring); spiny succulent, branched from base, 200-300 mm, flowers purple or yellowish; 3-8; Riversdale, Oudtshoorn.

marlothiana N.E. Br. - (resembles **E. caput-medusae** but branches thinner); spineless succulent with branches radiating upwards from centre, 70-400 mm; 8-10; coastal sands, Cape Peninsula.

mauritanica L. - (beesmelkbos, geelmelkbos); much-branched yellowish shrub, 1-1,5 m, flowers yellow; 8-10; widespread in S W and S Cape (throughout southern Africa).

meloformis Aiton - (bobbejaankos, eselkos); subglobose succulent, to 100 mm, flowers green or purplish; 2; Uitenhage, Port Elizabeth (E Cape).

muirii N.E. Br. - (vingerpol); shrub with flexuose radiating succulent branches, 150-200 mm, flowers greenish; 8-12; Robertson, Albertinia, Mossel Bay.

multiceps A. Berger - (vingers-en-tone, vingerhoedpol); conical repeatedly branched succulent, 80-600 mm, flowers green; 8-9; Ladismith, Riversdale (Karoo, Namaqualand).

multifolia White, Dyer & Sloane - (ystervarkpol); spiny and leafy cushion-shaped succulent, to 150 mm, flowers light green; 8-10; Ladismith (Karoo).

mundii N.E. Br. - (skaapmelkbos); spreading spineless shrub, 300-450 mm, flowers reddish; 11-2; Clanwilliam, Robertson, Montagu, Uniondale (Karoo).

nesemannii R.A. Dyer - spiny succulent with angled stems, 150-600 mm, flowers yellowish; 5-6; Worcester, Robertson.

pillansii N.E. Br. - (kleinnoorsdoring); succulent shrub with angled stems and branched spines, 200-400 mm, flowers green; 12; Ceres, Ladismith, Montagu.

polygona Haw. - (bobbejaannoors, gnap); spiny succulent shrub with angled stems, 0,5-1 m, flowers purplish; 6; (host to **Viscum minimum** Harvey) Uitenhage to Port Elizabeth (E Cape).

pseudoglobosa Marloth - dwarf succulent with almost globose stems, 20-40 mm, flowers green or reddish; 8-9; Riversdale, Ladismith?, Montagu?.

pubiglans N.E. Br. - shrublet with knobbly cylindrical succulent stems, 80-300 mm, flowers purplish; 11-4; Knysna to Port Elizabeth.

rhombifolia Boiss. - slender almost leafless branched shrub, 300-600 mm, flowers greenish; 10-5; Worcester, Oudtshoorn, George to Port Elizabeth (Karoo, E Cape to Natal).

schoenlandii Pax - (volstruisnek, noordpol); spiky shrub with cylindrical stems, to 1 m, flowers yellowish; 6; Clanwilliam (S Namaqualand).

stolonifera Marloth - (kruipmelkbos, rankmelkbos); spreading leafless robust stems, 200-600 mm, flowers yellow to orange; 7-10; Swellendam (Karoo).

susannae Marloth - subterranean perennial with globose tips of succulent stems above ground, flowers yellowish; 12-4; quartzite patches, Ladismith, Swellendam.

tenax Burchell - branched shrub with leafless stems, to 600 mm, flowers chocolate-brown; 6-7; Ceres.

triangularis Desf. - (tree euphorbia, riviernaboom); candelabra-like, spiny succulent tree, 90-180 mm, flowers greenish; 6-8; Uitenhage (E Cape to tropical Africa).

tridentata Lam. - (vingerpol); spreading succulent with knobbly stems, 30-150 mm, flowers purplish and white; 11-12; Riversdale (E Cape).

tuberculata Jacq. - (noordpol, vingerpol); succulent with swollen stems radiating from centre, 450-750 mm, flowers green and yellow; 6-10; Clanwilliam to Malmesbury (Namaqualand).

tubiglans Marloth ex R.A. Dyer - succulent shrublet with spineless 5-angled stems, to 90 mm, flowers reddish; ?; among stones, Little Karoo (S Karoo, E Cape).

EXCOECARIA 40 sp - Africa, Asia

simii (Kuntze) Pax - shrub, 1-2 m, flowers green; 10-1; forest understorey, Knysna (E Cape to Natal).

HYAENANCHE 1 sp - W Cape Mts.

globosa (Gaertner) Lam. - (wolwegifboom); dark green shrub or tree, 3-5 m, flowers deep red; 7-9; rocky sandstone slopes and plateaus, Nieuwoudtville, Gifberg to Clanwilliam.

JATROPHA ca 175 sp - tropical and subtropical

capensis (L.f.) Sonder - shrub, 1-3 m, flowers greenish; 11-4; dry slopes, Humansdorp to Port Elizabeth (E Cape).

LACHNOSTYLIS 2 sp - S Cape

bilocularis R.A. Dyer - (klipboom, klipkoolhout); much-branched shrub or small tree, to 3 m, flowers greenish; 11-1; dry mountain slopes, Ladismith to Uniondale.
hirta (L.f.) Muell. Arg. - (coal wood, koolhout); shrub or small tree, to 2 m, flowers white; 11-2; coastal forests, Swellendam to Port Elizabeth.

LEIDESIA 3 sp - S W Cape to Transvaal

obtusa (Thunb.) Muell. Arg. - delicate annual, 100-200 mm, flowers green; 8-10; coastal bush, Cape Peninsula (E Cape).
procumbens (L.) Prain - (= L. **capensis** Muell. Arg.); delicate spreading annual, to 300 mm, flowers green; 7-1; coastal slopes in shade, Peninsula, George to Port Elizabeth (E Cape to Transvaal).

PHYLLANTHUS over 600 sp - pantropical and subtropical

heterophyllus E. Meyer - small spreading shrublet, flowers greenish; 11; coastal flats, Mossel Bay, Uitenhage to Port Elizabeth (E Cape to Natal).
incurvus Thunb. - lax shrublet, to 300 mm, flowers greenish; 9-3; karroid hills, Riversdale, Uitenhage, Port Elizabeth (Karoo, E Cape to tropical Africa, Mascarene Is.).
verrucosus Thunb. - much-branched shrub, 1-3 m, flowers green; 8-12; riverbanks, Humansdorp, Uitenhage (E Cape to Natal).

SEIDELIA 2 sp - S Cape, Karoo, OFS

pumila (Sonder) Baillon - much-branched annual, 50-150 mm, flowers greenish; 12; riverbanks, Uitenhage.

FABACEAE - CAESALPINIOIDEAE

CASSIA ca 600 sp - cosmopolitan in warmer regions

capensis Thunb. - erect or sprawling fine-leafed shrublet from woody rootstock, 200-400 mm, flowers bright yellow; 12-1; grassland, Humansdorp to Port Elizabeth (widespread in Africa).

SCHOTIA ca 18 sp - tropical and southern Africa

afra (L.) Thunb. - (small boerbean, boerboon); much-branched shrub or tree, 3-7 m, flowers red or pink; 10-2; karroid areas, Montagu to Oudtshoorn, Swellendam to Port Elizabeth (E Cape, Karoo, Namibia).
latifolia Jacq. - (bush boerbean, bosboerboon); slender tree, 3-10 m, flowers pink or whitish; 11-3; scrub forest, Knysna to Port Elizabeth (E Cape).

FABACEAE - MIMOSOIDEAE

ACACIA ca 900 sp - mainly Africa, Australia, also America (introduced Australian species included)

caffra (Thunb.) Willd. - (katdoring, gewone haakdoring); shrub or tree, to 14 m, flowers creamy-white; 12-3; rocky streambanks, Clanwilliam, Oudtshoorn, Uitenhage (E Cape to Transvaal).

***cyclops** A. Cunn. ex G. Don - (rooikrans); shrub or tree with simple phyllodine leaves, to 6 m, flowers in round heads, yellow; 11-1; usually coastal dunes and hills, also limestone, throughout S W Cape (introduced from Australia).

karoo Hayne - (sweet thorn, soetdoring); shrub or tree, 5-22 m, flowers bright yellow; 11-12; Worcester to Uniondale, Port Elizabeth (southern and tropical Africa).

***longifolia** (Andrews) Willd. - (langblaarwattel); small tree with simple phyllodine leaves, to 10 m, flowers in racemes, yellow; 6-11; Peninsula to Port Elizabeth (introduced from Australia).

***mearnsii** De Wild. - tree with bipinnate leaves, to 15 m, flowers in round heads, pale yellow; 8-11; along streams and rivers, Peninsula and Worcester to Port Elizabeth (introduced from Australia).

***melanoxylon** R. Br. - (swarthout, blackwood); tree with simple phyllodine leaves, to 35 m, flowers pale yellow; mainly 8-9; forests and along streams, especially S Cape (introduced from Australia).

***saligna** (Labill.) Wendl. - (Port Jackson); willowy tree with simple phyllodine leaves, to 9 m, flowers in round heads, yellow; 8-10; throughout S W and S Cape (introduced from Australia).

FABACEAE - PAPILIONOIDEAE

AMPHITHALEA — ca 20 sp - S W to E Cape

alba Granby - straggling shrub, flowers white; 5-8; sandveld, Bredasdorp.

axillaris Granby - slender shrublet, to 300 mm, flowers bluish; 2-6; south-facing upper mountain slopes, Swellendam.

biovulata (Bolus) Granby - slender trailing shrublet with scale-like leaves, 300-600 mm, flowers violet; 9-10; Caledon, Bredasdorp.

bodkinii Dummer - robust sprawling shrublet with round silvery leaves, flowers purple; 12; middle slopes, Paarl.

concava Granby - much-branched dwarf shrub with narrow leaves, flowers violet; 10; high alt. slopes, Paarl.

cuneifolia Ecklon & Zeyher - small ericoid shrub, to 2 m, flowers bright purple; 10-12; Paarl, Stellenbosch.

ericifolia (L.) Ecklon & Zeyher - (persblom); silvery-leafed ericoid shrublet, to 600 mm, flowers pink; 6-9; flats and lower slopes, Stellenbosch, Peninsula to Riversdale.

fourcadei Compton - (?= A. **parvifolia** (Thunb.) Hutchings); silvery-leafed small shrub, flowers light and dark purple; 11-3; mountain slopes, George to Humansdorp.

imbricata (L.) Druce - (blou-ertjiesbos); stout grey shrub, to 1,5 m, flowers bluish; 12-6; sheltered upper slopes, Peninsula, Caledon, Knysna.

intermedia Ecklon & Zeyher - slender silver-leafed shrublet, 200-450 mm; 6-9; lower slopes, Caledon to Knysna, Uniondale.

micrantha Walp. - (= A. **pocockiae** L. Bolus); sticky low shrub, to 600 mm, flowers inconspicuous, white and purple; 4-6; Swartberg Mts., Oudtshoorn to Uniondale, Uitenhage.

oppositifolia L. Bolus - shrublet to 480 mm, flowers mauve; 8-9; high alt., Caledon.

phylicoides Ecklon & Zeyher - robust grey-leafed shrub, to 1 m, flowers pink; 1-6; George to Uitenhage (E Cape).

sericea Schltr. - silver-leafed erect shrub, to 1 m, flowers white or pale pink; 4; lower slopes, Elim.

speciosa Schltr. - grey-leafed shrub, to over 1 m, flowers white and violet; 4; lower slopes, Elim.

stokoei L. Bolus - shrublet to 300 mm, flowers pink; 8-9; upper mountain slopes, Stellenbosch to Caledon.
tomentosa (Thunb.) Granby - (= **Lathriogyna parvifolia** Ecklon & Zeyher); twiggy shrublet, to 450 mm, flowers greenish; 4-7; lower coastal slopes, Caledon.
violacea (E. Meyer) Benth. - shrub to 1 m, flowers mauve and dark purple; 5-6; Swellendam, George.
virgata Ecklon & Zeyher - slender shrublet, to 300 mm, flowers mauve; 1-9; Caledon, Bredasdorp.

ARGYROLOBIUM ca 140 sp - Africa, Mediterranean to India

brevicalyx Stirton ined. - shrublet to 400 mm, flowers yellow; ?; shale in renosterveld, Swellendam.
canescens Stirton ined. - grey canescent shrub, to 1,5 m, flowers golden-yellow; 9-10; coastal renosterveld, Bredasdorp.
collinum Ecklon & Zeyher - silvery much-branched shrublet, 100-350 mm; 10-2; Witteberg, Oudtshoorn, Bredasdorp to Port Elizabeth (E Cape).
connatum Harvey - small much-branched shrublet, flowers probably yellow; 9-10; clay hills, Little Karoo, Riversdale.
crassifolium (E. Meyer) Ecklon & Zeyher - much-branched shrublet, flowers yellow?; 11; Uitenhage.
filiforme (Thunb.) Ecklon & Zeyher - slender silvery perennial, 100-150 mm, flowers yellow; 10-1; Worcester, Peninsula to Bredasdorp.
harveyanum Oliver - slender shrublet, 100-250 mm, flowers yellow; 10-3; Uitenhage (E Cape to tropical Africa).
incanum Ecklon & Zeyher - silvery-leafed much-branched shrublet, to 250 mm, flowers yellow; 4-8; Humansdorp (E Cape).
lunaris (L.) Druce - tufted or trailing perennial, 100-400 mm, flowers yellow; 9-12; Clanwilliam to Peninsula, Caledon.
muirii L. Bolus - sprawling perennial, to 200 mm, flowers yellow; 12-1; Riversdale.
pachyphyllum Schltr. - small erect shrublet, 100-200 mm, flowers yellow; 12-1; Caledon, Bredasdorp.
patens Ecklon & Zeyher - sprawling shrublet, 50-200 mm, flowers yellow; 5-9; Caledon, Uitenhage (E Cape).
pumilum Ecklon & Zeyher - shrublet, 100-250 mm, flowers yellow; 1-12; Ceres, Caledon, George to Uitenhage.
sericeum (E. Meyer) Ecklon & Zeyher - velvety shrub, 300-900 mm, flowers yellow; 8-2; Humansdorp, Uitenhage.
tomentosum (Andrews) Druce - (= **A. andrewsianum** Steudel); sprawling shrub, to 1 m, flowers yellow; 3-4; forest margins, Knysna, Uitenhage (E Cape to tropical Africa).
tuberosum Ecklon & Zeyher - slender tuberous-rooted perennial, 600-800 mm, flowers dark yellow; 1; George to Uitenhage (E Cape to Natal).
velutinum Ecklon & Zeyher - silvery sprawling shrublet, 100-300 mm, flowers yellow; 8-10; Piketberg to Peninsula.

ASPALATHUS ca 255 sp - Namaqualand to Natal, mainly S W Cape

abietina Thunb. - spreading shrublet, 100-600 mm, flowers yellow; 9-12; sandy flats and slopes, Tulbagh to Peninsula, Caledon to Bredasdorp.
acanthes Ecklon & Zeyher - erect rod-like shrub, 0,6-1,5 m, flowers yellow; 9-11; sand over rocks, Riversdale to Mossel Bay.
acanthiloba R. Dahlgren - much-branched spiny-leafed shrub, 500-600 mm, flowers yellow; 10-11; lower coastal slopes, Caledon.
acanthoclada R. Dahlgren - widely branched spiny shrub, 0,4-1 m, flowers yellow; 1-3; renosterveld, Worcester.

acanthophylla Ecklon & Zeyher - rigid erect or spreading spiny shrublet, 300-900 mm, flowers yellow; 9-2; clay flats and lower slopes, Malmesbury to Peninsula.

acidota Garab. ex R. Dahlgren - rigid much-branched shrub with flat spine-tipped leaves, flowers yellow; 9-12; upper slopes, Clanwilliam, Piketberg.

acifera R. Dahlgren - erect spiny-leafed shrublet, 200-400 mm, flowers pale yellow; 8-12; sandy mountain slopes, Clanwilliam.

aciloba R. Dahlgren - nearly prostrate shrublet, flowers yellow; 10-11; limestone, Bredasdorp.

aciphylla Harvey - robust shrub, 0,3-2 m, leaves spine-tipped, flowers yellow; 5, 7-11; rocky upper slopes, Oudtshoorn, Caledon to Uitenhage.

aculeata Thunb. - spiny shrub or shrublet, 0,6-1 m, flowers yellow; 10-1; sandy flats, Ceres to Worcester, Malmesbury, Paarl.

acuminata Lam. - erect or sprawling spiny shrublet, 0,2-1,2 m, flowers yellow; 8-3; varied habitats, Clanwilliam to Worcester, Witteberg, Piketberg, Peninsula to George (Namaqualand).

acutiflora R. Dahlgren - erect or spreading shrublet, 200-800 mm, flowers yellow; 10-12; flats or lower slopes, Riversdale.

albens L. - erect or spreading silvery shrublet, 200-800 mm, leaves spine-tipped, flowers pale yellow; 8-11; sandy flats, Clanwilliam, Piketberg to Peninsula.

alopecurus Benth. - densely leafy shrublet, 200-700 mm, flowers yellow; 5-11; sand or limestone, Bredasdorp to Knysna.

alpestris (Benth.) R. Dahlgren - sprawling shrublet with simple flat spine-tipped leaves, to 800 mm, flowers yellow; 1-12; flats and mountains, Ceres, Worcester, Witteberg, Montagu, Caledon to Uniondale.

altissima R. Dahlgren - lanky erect shrub with flat silvery leaves, to 2 m, flowers yellow; 8-11; rocky upper slopes, Gifberg, Nieuwoudtville to Ceres, Piketberg.

angustifolia (Lam.) R. Dahlgren - (bossiestee, stekelteebossie); sprawling, slender shrublet with simple flat spine-tipped leaves, 0,15-1 m, flowers yellow; 10-4; flats and mountains, Clanwilliam, Worcester, Peninsula to Port Elizabeth (Namaqualand).

araneosa L. - (molbossie); straggling shrublet, 600-800 mm, flowers yellow; 8-11; lower slopes, Paarl to Peninsula, Caledon.

arenaria R. Dahlgren - erect shrub, 1-1,7 m, flowers yellow; mainly 9-11; coastal scrub, Riversdale.

argyrella MacOwan - mat-forming shrublet with flat silky leaves, flowers mauve; 9-10; lower slopes, Clanwilliam, Ceres, Tulbagh, Peninsula, Caledon.

arida E. Meyer - erect or spreading occ. thorny shrub, 0,3-1,5 m, flowers yellow; 10-1; mountain slopes, Nieuwoudtville, Clanwilliam, Worcester, Montagu, Caledon, Bredasdorp.

aristata Compton - nearly prostrate mat-like shrublet with spine-tipped leaves, flowers yellow or purplish; 10-12; upper slopes, Cedarberg, Ceres, Worcester.

aristifolia R. Dahlgren - mat-like shrublet with small spine-tipped leaves, flowers yellow fading purple; 9-11; lower slopes, Clanwilliam, Piketberg.

aspalathoides (L.) R. Dahlgren - erect or spreading shrublet with flat leaves, 100-400 mm, flowers yellow; 10-1; lower to middle slopes, Peninsula to Swellendam, Robertson.

asparagoides L.f. - erect or spreading shrub, 0,5-1 m, flowers yellow or red; 9-2; grassland, Caledon to Port Elizabeth (E Cape).

astroites L. - (keurtjiedoring); erect shrub with spine-tipped leaves, 0,8-1,3 m, flowers yellow; 10-11; flats and lower slopes, Worcester, Malmesbury, Peninsula to Caledon.

attenuata R. Dahlgren - spreading shrublet, 200-400 mm, flowers yellow; 10-2; sandy lower slopes, Paarl to Caledon.

aurantiaca R. Dahlgren - sprawling shrub, flowers yellow, fading orange-red; 10-1; rocky mid to upper slopes, Clanwilliam to Worcester, Paarl.
barbata (Lam.) R. Dahlgren - erect shrublet with simple flat spine-tipped leaves, 0,4-1 m, flowers yellow; 10-12; middle slopes, Cape Peninsula.
barbigera R. Dahlgren - erect shrub, to 1 m, flowers white or pale violet; 10-11; low clay slopes, Bredasdorp.
batodes Ecklon & Zeyher - erect or prostrate shrublet with spine-tipped leaves, to 800 mm, flowers yellow; mainly 8-1; lower slopes, Caledon, Bredasdorp.
bidouwensis Garab. ex R. Dahlgren - shrub with woolly silvery leaves, to 3 m, flowers pale yellow; 11-12; sandy lower slopes, Clanwilliam.
biflora E. Meyer - sprawling shrublet, flowers yellow, fading orange-red or violet; 8-4; flats and slopes, Peninsula and Worcester to Port Elizabeth (E Cape).
bodkinii Bolus - silvery mat-like shrublet, flowers yellow; 12-1; upper mountain slopes, Cedarberg, Ceres, Worcester.
borbonifolia R. Dahlgren - rigid shrublet with flat spine-tipped leaves, 200-600 mm, flowers yellow; 11-12; upper slopes, Cape Peninsula.
bowieana (Benth.) R. Dahlgren - shrub with silver leaves, to 1 m, flowers yellow; 9-11; near rivers, George, Knysna.
bracteata Thunb. - slender straggling shrublet, flowers yellow; 9-4; mainly upper slopes, Cedarberg to Worcester, Tulbagh, Paarl, Peninsula to Swellendam.
burchelliana Benth. - densely leafy shrub, to 1 m, flowers yellow; 9-1; flats, Robertson, Swellendam.
caespitosa R. Dahlgren - mat-like shrublet, flowers yellow with reddish reverse; 11; upper slopes, Paarl, Worcester.
calcarata Harvey - sprawling shrublet, 150-400 mm, flowers yellow to reddish; 10-1; lower slopes, Caledon to Swellendam.
calcarea R. Dahlgren - densely leafy shrublet, 200-600 mm, flowers yellow; 4-10; limestone hills, Bredasdorp to Riversdale.
caledonensis R. Dahlgren - slender shrublet with flat silvery leaves, 200-700 mm, flowers lemon-yellow; 8-11; stony slopes, Caledon, Bredasdorp.
callosa L. - erect bright green shrublet with flat leaves, 150-600 mm, flowers bright yellow; 10-1; sandy flats, Peninsula to Bredasdorp.
campestris R. Dahlgren - erect or spreading shrublet, 150-300 mm, flowers pale yellow fading purplish; 12-3; roadsides, Mossel Bay, Montagu.
candicans Aiton - erect grey shrub, 0,6-1,2 m, flowers cream; 9-11; clay flats or lower slopes, Worcester, Robertson.
candidula R. Dahlgren - almost mat-like grey shrublet, flowers pale yellow fading purplish; 10-12; limestone outcrops, Riversdale.
capensis (Walp.) R. Dahlgren - robust shrub with succulent leaves, 0,6-3 m, flowers bright yellow; 7-12; rocky middle slopes, Cape Peninsula.
capitata L. - attractive robust shrub with succulent leaves, 1-2 m, flowers bright yellow; 12-7; mid to upper slopes, Cape Peninsula.
carnosa Bergius - shrub with succulent leaves, 0,5-2 m, flowers bright yellow; 8-12; flats and slopes, Peninsula, Caledon.
cephalotes Thunb. - erect or spreading shrub, 0,3-2 m, flowers mauve; 8-11; flats and lower slopes, Worcester, Piketberg to Peninsula, Tulbagh to Caledon.
cerrantha Ecklon & Zeyher - erect or speading shrublet, 300-600 mm, flowers white with purple keel; 9-10; coastal flats, George to Port Elizabeth.
chenopoda L. - erect shrub with spiny leaves, 1-2 m, flowers yellow; 8-12; lower slopes, Peninsula, Caledon.
chortophila Ecklon & Zeyher - variable spreading shrub, 0,2-4 m, flowers yellow, occ. orange-purple; 1-12; middle to upper slopes, Mossel Bay to Port Elizabeth, Oudtshoorn, Ladismith (E Cape to Natal).

chrysantha R. Dahlgren - sprawling shrublet, flowers yellow; 8-11; middle slopes, Piketberg.

ciliaris L. - erect or spreading shrub, 0,1-1,5 m, flowers bright yellow; varied habitats, Cedarberg to Humansdorp.

cinerascens E. Meyer - attractive silver-grey shrub, 1-2 m, flowers pale yellow; 1-4; lower slopes, Uitenhage, Port Elizabeth (E Cape).

citrina R. Dahlgren - erect shrublet, 200-700 mm, flowers lemon-yellow; 10-1; coastal slopes, Caledon, Bredasdorp.

cliffortiifolia R. Dahlgren - shrublet to 500 mm, flowers yellow?; 10; coastal sand, Port Elizabeth (poorly known).

collina Ecklon & Zeyher - erect shrub with spine-tipped leaves, 0,3-1 m, flowers pale yellow, occ. reddish; 7-12; flats and slopes, Swartberg Mts., George to Port Elizabeth.

commutata (Vogel) R. Dahlgren - sprawling shrublet with simple flat leaves, flowers pale yellow; 10-4; upper slopes, Ceres to Paarl, Worcester, Peninsula?, Caledon.

compacta R. Dahlgren - mat-like shrublet with simple flat spine-tipped leaves, to 800 mm, flowers yellow with purple tinge; 10-11; upper slopes, Ceres.

complicata (Benth.) R. Dahlgren - shrub with simple flat spine-tipped leaves, 0,3-1,2 m, flowers white or pale yellow; 10-11; near streams, Piketberg.

comptonii R. Dahlgren - prostrate shrublet with flat silky leaves, flowers yellow; 11-12; sandy upper slopes, Cedarberg.

concava Bolus - sprawling shrublet with minute leaves, flowers yellow; 2; lower slopes, Caledon.

condensata R. Dahlgren - mat-like shrublet, flowers lemon-yellow;12-1; high alt., Worcester, Stellenbosch.

confusa R. Dahlgren - sprawling shrublet, to 250 mm, flowers yellow; 10-12; mountain slopes, Clanwilliam, Ceres, Tulbagh.

cordata (L.) R. Dahlgren - (Cape gorse, stekelteebossie); erect shrublet with simple broad spine-tipped leaves, 600-800 mm, flowers bright yellow; 9-12; lower slopes, Piketberg, Tulbagh, Worcester to Peninsula, Caledon.

corniculata R. Dahlgren - small rigid shrublet with sharply spine-tipped leaves, flowers yellow; 12-1; rocky lower slopes, Ceres.

corrudifolia Bergius - slender shrub, 1-3 m, flowers bright yellow; 10-12; lower slopes, Tulbagh, Ceres, Worcester, Robertson.

costulata Benth. - erect shrub with very small leaves, 0,6-1,4 m, flowers pink; 8-11; slopes and plateaus, Nieuwoudtville to Ceres, Worcester, Witteberg.

crassisepala R. Dahlgren - sprawling shrublet, 1 m, flowers yellow with violet tinge; 1-12; coastal often limestone slopes, Caledon to Mossel Bay.

crenata (L.) R. Dahlgren - (bergteebossie, skagalteebossie); erect or sprawling shrub with simple broad spine-tipped leaves, 0,2-1,5 m, flowers yellow or purplish; 9-12; lower slopes, Clanwilliam to Worcester, Piketberg to Peninsula, Caledon.

cuspidata R. Dahlgren - spreading spiny shrublet, 300-900 mm, flowers yellow; 10-12; lower clay slopes, Cedarberg, Malmesbury.

cymbiformis DC. - spreading shrublet, 150-400 mm, flowers yellow; 10-11; flats and slopes, Ceres, Worcester, Piketberg to Peninsula, Caledon, Bredasdorp.

cytisoides Lam. - erect shrub with flat leaves, 200-600 mm, flowers yellow; 10-12; lower slopes, Tulbagh, Worcester, Paarl, Caledon.

dasyantha Ecklon & Zeyher - (molbossie); robust low shrub with flat leaves, to 700 mm, flowers pale yellow fading mauve; 10-12; coastal dunes, Swellendam to George.

decora R. Dahlgren - erect shrub, 1-4 m, flowers yellow; 11-12; mountain streamsides, Cedarberg.

densifolia Benth. - erect shrub, 1-1,5 m, flowers yellow fading reddish; 9-12; upper mountain slopes, Ceres, Worcester.
desertorum Bolus - rigid shrub, 700-900 mm, flowers yellow; 10-12; dry upper slopes, Ceres.
dianthopora E. Phillips - erect shrub, 0,6-2 m, flowers yellow; 9-10; upper slopes and plateaus, Gifberg, Cedarberg, Worcester.
diffusa Ecklon & Zeyher - almost prostrate shrublet with flat woolly leaves, flowers yellow; mainly 6-11; sandy middle slopes, Caledon to Riversdale.
digitifolia R. Dahlgren - large spreading shrub with silvery leaves, flowers yellow fading reddish; 8-9; lower slopes, Mossel Bay.
divaricata Thunb. - prostrate, occ. erect, shrublet with spine-tipped leaves, to 1 m, flowers yellow; 10-2; varied habitats, Gifberg, Worcester, Piketberg to Peninsula, Caledon.
dunsdoniana Alston ex R. Dahlgren - erect shrub with flat woolly leaves, 1-2 m, flowers pale yellow; mainly 8-9; damp lower slopes, Caledon.
elliptica (E. Phillips) R. Dahlgren - erect shrub with simple broad leaves, 1-2 m, flowers yellow; 9-11; steep rocky slopes, Paarl, Stellenbosch, Caledon.
ericifolia L. - erect or spreading shrublet, 200-600 mm, flowers yellow; 9-11; lower slopes, Tulbagh, Peninsula to Bredasdorp.
erythrodes Ecklon & Zeyher - erect shrublet, flowers yellow; 11; near water, Tulbagh.
esterhuyseniae R. Dahlgren - almost prostrate shrublet with small flat leaves, flowers yellow fading reddish; 12-1; stony upper slopes, Tulbagh.
excelsa R. Dahlgren - handsome shrub with slightly succulent leaves, to 3 m, flowers yellow; 9-11; coastal flats and lower slopes, Caledon.
fasciculata (Thunb.) R. Dahlgren - erect shrub or shrublet with flat leaves, 0,4-1 m, flowers pale yellow; 11-1; upper slopes, Tulbagh.
ferox Harvey - stout spiny shrub, flowers white and purple; 10; karroid areas, Worcester.
filicaulis Ecklon & Zeyher - slender spreading shrublet, 200-600 mm, flowers yellow; 11-1; sandy flats to upper slopes, Clanwilliam to Worcester, Piketberg, Tulbagh, Peninsula to Caledon.
flexuosa Thunb. - (agtostoubossie); sprawling shrublet, to 600 mm, flowers yellow, fading reddish-orange; 8-11; flats and slopes, Clanwilliam to Worcester, Tulbagh, Paarl, Swellendam, Riversdale.
florifera R. Dahlgren - attractive silvery shrub, 1-2 m, flowers lemon-yellow; 7-10; steep sandy lower slopes, Riversdale to Knysna.
florulenta R. Dahlgren - straggling shrublet, 200-500 mm, flowers yellow and purplish; 10-12; middle slopes, Lokenburg, Cedarberg.
forbesii Harvey - shrub, 0,3-2 m, flowers white or pinkish; 7-4; coastal flats and slopes, Peninsula to Riversdale.
fourcadei L. Bolus - spiny-leafed shrub, flowers yellow; 9-11; lower slopes, Uniondale, Humansdorp.
fusca Thunb. - shrub or shrublet, 0,2-1,5 m, leaves succulent, flowers yellow; 10-11; sandstone outcrops, Paarl, Caledon, Bredasdorp.
galeata E. Meyer - shrub or shrublet, 50-100 mm, flowers yellow; 9-1; stony or sandy upper slopes, Clanwilliam, Cedarberg.
glabrata R. Dahlgren - spiny shrub, 0,3-1 m, flowers yellow; 9-12; sand or clay flats, Malmesbury.
glabrescens R. Dahlgren - silvery-leafed shrub, 0,8-1,2 m, flowers yellow; 8-11; upper slopes, George.
globosa Andrews - erect shrub, 1-2 m, flowers white with purple keel; 8-10; moist upper slopes, Stellenbosch, Caledon.
globulosa E. Meyer - shrublet, 300-800 mm, flowers white with bluish keel; 10-12; coastal flats, Peninsula, Caledon, Bredasdorp.

glossoides R. Dahlgren - spiny-leafed shrublet, to 1 m, flowers yellow; 10-11; Piketberg plateau .

grandiflora Benth. - shrub with spiny leaves, 0,4-1 m, flowers cream; 8-12; dry mid to upper slopes, Worcester, Robertson, Montagu.

granulata R. Dahlgren - shrublet with minute leaves, 200-800 mm, flowers cream or yellow; 8-12; dry sandy mountain slopes, Oudtshoorn, Ladismith, Riversdale.

grobleri R. Dahlgren - prostrate shrublet, flowers yellow fading purplish; 3-4; flats, Bredasdorp?, Swellendam.

heterophylla L.f. - sprawling shrublet with flat leaves, flowers yellow; 9-12; sandy slopes and plateaus, Gifberg, Nieuwoudtville to Peninsula.

hirta E. Meyer - spiny-leafed shrub, 0,8-2 m, flowers bright yellow; mainly 9-12; flats and lower slopes, Gifberg, Nieuwoudtville to Worcester, Ladismith, Robertson, Caledon to Uniondale.

hispida Thunb. - (wasblommetjiesbossie); straggling shrublet, to 1 m, flowers small, cream with purplish tinge; 9-1; widespread in S W Cape (E Cape).

humilis Bolus - nearly prostrate slender shrublet, flowers yellow; 11-12; sandy upper slopes, Cape Peninsula.

hypnoides R. Dahlgren - prostrate fine-leafed shrublet, to 300 mm, flowers yellow; 12; damp lower slopes, Swellendam.

hystrix L.f. - silvery shrub with needle-like leaves, 1-3 m, flowers yellow; 8-11; dry upper slopes, Witteberg, Swartberg Mts. to Uniondale.

incana R. Dahlgren - prostrate grey woolly shrublet, flowers yellow; 12; upper mountain slopes, Ladismith.

incompta Thunb. - mat-like shrublet, flowers yellow; 8-9; rocky lower shale slopes, Caledon to Swellendam.

incurva Thunb. - spreading shrublet, 200-350 mm, flowers yellow; 11-3; flats and lower slopes, Cape Peninsula.

incurvifolia Vogel ex Walp. - densely leafy shrublet, 300-900 mm, flowers yellow; 6-9; limestone hills, Bredasdorp to Mossel Bay.

inops Ecklon & Zeyher - low shrublet with small flat leaves, flowers yellow; 10-11; upper mountain slopes, Caledon?, Swellendam.

intermedia Ecklon & Zeyher - shrublet, 350-600 mm, flowers yellow; 11-3; flats and lower slopes, Humansdorp to Port Elizabeth.

intervallaris Bolus - slender straggling shrublet with flat silky leaves, 100-900 mm, flowers yellow; 11-4; sandy flats or slopes, Caledon.

intricata Compton - spreading shrublet, to 300 mm, flowers pale yellow with purple tinge; 9-12; dry upper slopes, Ceres, Witteberg.

joubertiana Ecklon & Zeyher - prickly shrub, 0,3-1,2 m, flowers yellow; 9-11; dry upper slopes, Nieuwoudtville, Clanwilliam to Oudtshoorn, Bredasdorp.

juniperina Thunb. - prostrate or spreading mat-like shrublet, 200-900 mm, flowers yellow, tinged reddish-purple; 10-3; mountain slopes, Ceres to Peninsula, Caledon, Bredasdorp, Worcester to Ladismith.

karrooensis R. Dahlgren - shrub with woolly leaves, 500-800 mm, flowers pale yellow fading purple; 5; dry upper slopes, Ladismith.

lactea Thunb. - variable erect or spreading shrub, 0,3-1 m, flowers yellow, orange or purplish; 9-3; mountain slopes, Worcester, Little Karoo, Witteberg to Port Elizabeth (E Cape).

laeta Bolus - sprawling shrublet with spine-tipped leaves, 500-900 mm, flowers yellow to purple; 10-12; dry upper slopes, Cedarberg, Worcester, Witteberg.

lamarckiana R. Dahlgren - erect shrub with silvery silky spine-tipped leaves, 1-2 m, flowers yellow; 9-12; dry lower slopes, Little Karoo (Karoo).

lanata E. Meyer - sprawling densely branched shrublet with flat leaves, 300-600 mm, flowers yellow; 10-12; mountain slopes, Lokenburg, Cedarberg.

lanceicarpa R. Dahlgren - sprawling shrublet, to 600 mm, flowers yellow to reddish; 4-5; lower slopes, Port Elizabeth.

lanceifolia R. Dahlgren - slender shrublet with simple flat leaves, to 200 mm, flowers yellow fading reddish; 10-1; moist lower slopes, Clanwilliam to Paarl, Caledon.

lanifera R. Dahlgren - mat-like shrublet with simple flat leaves, flowers yellow; 10-1; upper slopes on shale, Cedarberg, Ceres, Tulbagh.

laricifolia Bergius - sprawling green to silvery shrublet, 100-500 mm, flowers yellow; 9-12; sandy flats and slopes, Tulbagh, Worcester to Peninsula, Caledon, George.

latifolia Bolus - sprawling shrub with flat pubescent leaves, to 1 m, flowers yellow; 9-11; lower slopes, Piketberg.

leiantha (E. Phillips) R. Dahlgren - erect shrublet with simple flat leaves, to 200 mm, flowers yellow; 9-11; upper slopes, Worcester to Peninsula, Caledon.

lenticula Bolus - rigid shrublet with small appressed leaves, 200-400 mm, flowers yellow; 12-1; lower slopes, Tulbagh.

leptoptera Bolus - mat-like shrublet, flowers yellow; 10-2; mid to upper slopes and plateaus in sand, Ceres, Cold Bokkeveld.

linearis (Burm. f.) R. Dahlgren - (bush tea, rooibostee); slender shrub with simple linear leaves, 0,3-2 m, flowers yellow, occ. purplish; 8-2; sandy slopes and flats, Nieuwoudtville to Clanwilliam, Ceres to Swellendam.

linguiloba R. Dahlgren - spreading shrublet, to 300 mm, flowers pale yellow; 11-1; lower slopes, Peninsula to Bredasdorp.

longifolia Benth. - erect silvery-leafed shrub, 0,8-1,2 m, flowers yellow; 8-10; north-facing lower slopes, Langeberg at Riversdale.

longipes Harvey - erect or spreading silvery shrub, 300-800 mm, flowers pale yellow or purplish; 10-12; flats and lower slopes, Caledon to Riversdale, Montagu.

lotiflora R. Dahlgren - sprawling shrublet, 400-600 mm, flowers yellow; 12-1; lower slopes, Cape Peninsula.

macrantha Harvey - much-branched erect shrub, 2-3 m, flowers bright yellow; 9-11; lower slopes, Peninsula, Caledon.

macrocarpa Ecklon & Zeyher - erect shrublet, to 500 mm, flowers yellow; 11-12; Swellendam?

marginalis Ecklon & Zeyher - erect or spreading shrublet, 150-700 mm, flowers yellow; 11; grassy flats, Uitenhage, Port Elizabeth (E Cape).

marginata Harvey - dense low shrublet with flat pale green leaves, 50-300 mm, flowers yellow fading reddish; 10-1; coastal rock outcrops, Caledon to Bredasdorp.

microphylla DC. - sprawling shrublet, 0,3-1 m, flowers yellow, occ. violet on reverse; 10-2; flats and lower slopes, Paarl, Peninsula to Bredasdorp.

millefolia R. Dahlgren - erect or spreading shrublet, 200-400 mm, flowers yellow; 10-1; coastal slopes, Caledon to Riversdale, Humansdorp?.

monosperma (DC.) R. Dahlgren - shrub or shrublet with simple flat leaves, flowers yellow; 9-11; moist streamsides, Caledon.

mundiana Ecklon & Zeyher - shrub or shrublet, 250-600 mm, flowers yellow; 8-4; coastal slopes, Bredasdorp to Knysna.

muraltioides Ecklon & Zeyher - densely-leafy spreading shrublet, 200-300 mm, flowers pale yellow or reddish; 8-11; lower slopes, Tulbagh, Piketberg to Stellenbosch, Bredasdorp.

nigra L. - erect shrublet, 200-700 mm, flowers violet or white; 8-11; lower often clay slopes and flats, Worcester to Oudtshoorn, Stellenbosch to Uniondale.

nivea Thunb. - (kapokbossie); erect silvery shrub, 0,8-3 m, flowers pale yellow; 8-4; lower slopes, Uniondale to Port Elizabeth.

nudiflora Harvey - prostrate shrublet with simple narrow leaves, 1-2 m, flowers yellow or purplish; 11-1; clay lower slopes, Clanwilliam, Ceres, Tulbagh, Montagu, Caledon.

oblongifolia R. Dahlgren - slender shrub with flat leaves, to 1 m, flowers pale yellow; 1-4; lower slopes, Caledon, Bredasdorp.

obtusifolia R. Dahlgren - erect shrublet, 0,5-1 m, flowers bright yellow; 12-3; coastal flats, Riversdale, Mossel Bay.

odontoloba R. Dahlgren - robust shrublet, 400-600 mm, flowers yellow, occ. red; 1-2; dry flats, Riversdale.

opaca Ecklon & Zeyher - erect or spreading shrublet, 100-600 mm, flowers yellow or brownish-red; 1-12; lower slopes, Caledon to Uitenhage.

orbiculata Benth. - robust shrub with flat leaves, 0,5-1 m, flowers yellow fading reddish; 11-12; high alt., Worcester.

pachyloba Benth. - erect shrub with succulent spinescent leaves, to 1,2 m, flowers yellow; 10-12; upper slopes, Ceres, Worcester to Swellendam, Caledon.

pallescens Ecklon & Zeyher - erect or spreading shrublet with succulent leaves, 0,4-1,7 m, flowers pale yellow; 3-4; limestone ridges, Bredasdorp.

pallidiflora R. Dahlgren - spreading shrublet, 300-600 mm, flowers rose or purple; 10-1; rocky upper slopes, Ceres, Worcester.

parviflora Bergius - sprawling shrublet, 50-200 mm, flowers yellow; 9-10; flats and lower slopes, Ceres, Worcester to Paarl, Piketberg, Peninsula to Bredasdorp.

patens Garab. ex R. Dahlgren - low mat-like shrublet with flat leaves, flowers yellow; 12-3; karroid upper slopes, Swartberg Mts. to Uniondale.

pedicellata Harvey - mat-like shrublet, flowers yellow, tinged purple; 11-1; upper slopes, Tulbagh, Ceres, Worcester.

pedunculata Houtt. - erect much-branched silvery shrub, 1-2 m, flowers yellow; 7-12; semi-karroid upper slopes, Oudtshoorn, George.

pendula R. Dahlgren - large shrub or small tree with drooping branches and simple needle-like leaves, 1,5-5 m, flowers pale yellow with purple tinge; 10-11; mountain slopes, Clanwilliam, Piketberg.

perfoliata (Lam.) R. Dahlgren - erect shrub with broad simple leaves, 0,5-1,8 m, flowers yellow tinged purple; 9-12; steep rocky slopes, Cedarberg to Malmesbury, Tulbagh.

perforata (Thunb.) R. Dahlgren - nearly prostrate shrublet with broad simple leaves, branches to 1 m, flowers pale yellow to violet; 9-12; moist slopes, Clanwilliam to Worcester, Robertson, Caledon, Swellendam.

pigmentosa R. Dahlgren - sprawling shrublet, 100-250 mm, flowers yellow; 10-11; sea level to high alt., Ceres, Tulbagh, Worcester, Paarl to Caledon.

pilantha R. Dahlgren - erect shrublet, 300-600 mm, flowers yellow fading purple; 11; rocky upper slopes, Worcester.

pinea Thunb. - erect slender shrub, 0,2-2 m, flowers pale yellow; mainly 10-12; mountain slopes, Cedarberg to Worcester, Tulbagh, Stellenbosch.

pinguis Thunb. - erect shrub, 0,2-1 m, flowers yellow, occ. reddish; 8-2; flats and hills, Piketberg, Bredasdorp to Mossel Bay, Ladismith to Uniondale.

polycephala E. Meyer - (haarbossie); rigid shrub or shrublet with flat spine-tipped leaves, 0,1-1,5 m, flowers yellow; 8-12; high alt., Cedarberg.

potbergensis R. Dahlgren - prostrate prickly-leafed shrublet, to 600 mm, flowers pale yellow; 9-10; sandstone rocks, Bredasdorp.

proboscidea R. Dahlgren - sprawling shrublet to 500 mm, flowers yellow; 9-10; sandy areas, Nieuwoudtville.

prostrata Ecklon & Zeyher - mat-like shrublet, 200-350 mm, flowers yellow; 11-12; limestone rocks, Bredasdorp, Swellendam.

psoraleoides (Presl) Benth. - low dense shrublet with flat leaves, 50-200 mm, flowers yellow; 10-12; flats, Cape Peninsula.

pulicifolia R. Dahlgren - rigid spiny shrub with minute leaves, to 800 mm, flowers yellow fading purple; 9-11; sandy plateaus, Gifberg, Botterkloof (Namaqualand).

pumila R. Dahlgren - low dense shrublet with flat spine-tipped leaves, flowers yellow; 12-1; high alt., Cedarberg, Ceres.
pycnantha R. Dahlgren - shrublet, 150-500 mm, flowers pale yellow; 7-10; flats and slopes, Bredasdorp.
quadrata L. Bolus - sprawling shrublet with small flat leaves, 100-600 mm, flowers yellow; 4-5; sandy flats, Riversdale.
quinquefolia L. - erect or spreading shrublet with flat small silvery leaves, flowers yellow; 8-1; sandy flats and plateaus, Nieuwoudtville, Gifberg to Mossel Bay.
radiata Garab. ex R. Dahlgren - prostrate shrublet with flat leaves, flowers yellow; 10-12; upper slopes, Worcester, Paarl, Stellenbosch, Caledon.
ramosissima R. Dahlgren - erect shrub to 2 m, flowers white or yellow; 11; high alt., Swartberg Mts.
ramulosa E. Meyer - erect shrub with flat silvery leaves, 0,4-1,2 m, flowers yellow; 9-11; lower slopes, Caledon.
rectistyla R. Dahlgren - erect shrublet, 200-600 mm, flowers yellow or orange, fading purplish; 8-10; flats, Piketberg.
recurva Benth. - erect or spreading densely-branched shrublet, 150-500 mm, flowers yellow; 12-5; coastal flats or lower slopes, Worcester, Tulbagh, Piketberg, Malmesbury, Caledon.
recurvispina R. Dahlgren - low shrublet, 100-200 mm, flowers yellow; 10-4; coastal flats, Port Elizabeth.
repens R. Dahlgren - mat-like shrublet, to 500 mm, flowers yellow; 10-12; limestone hills, Bredasdorp.
retroflexa L. - sprawling shrublet, to 1 m, flowers yellow to purplish; 9-3; sandy flats or slopes, Cedarberg to Peninsula, Worcester, Bredasdorp.
rigidifolia R. Dahlgren - erect or spreading shrub with spine-tipped leaves, 0,5-1 m, flowers pale yellow, occ. purple; 11-12; dry upper slopes, Worcester, Montagu, Witteberg, Swartberg Mts.
rosea Garab. ex R. Dahlgren - spreading shrublet, 200-400 mm, flowers salmon to red; 9; gravelly flats and lower slopes, Caledon.
rostrata Benth. - rigid shrub with branches ending in thorns, 1-2 m, flowers pale yellow; 9-11; upper slopes, Montagu.
rostripetala R. Dahlgren - spreading shrublet with small spine-tipped leaves, 0,3-1 m, flowers yellow; 10-11; sandy lower slopes, Clanwilliam.
rubens Thunb. - sprawling shrublet, 200-800 mm, flowers yellow, orange or purple; 1-12; dry upper slopes, Swartberg Mts., Swellendam to Port Elizabeth (E Cape).
rubiginosa R. Dahlgren - spreading shrublet, 300-800 mm, flowers yellow, orange or purple; 10-12; upper slopes, Tulbagh, Worcester, Paarl, Caledon.
rugosa Thunb. - shrub with flat grey-green leaves, 0,4-1,2 m, flowers yellow; 11-1; mountain slopes, Ceres to Paarl, Worcester, Malmesbury.
rupestris R. Dahlgren - shrublet with flat spine-tipped leaves, 100-700 mm, flowers yellow; 11-1; rocky upper slopes, Cedarberg to Worcester, Tulbagh.
rycroftii R. Dahlgren - prickly shrublet, spreading to 600 mm, flowers yellow fading purple; 2-3; flats and low hills, Malmesbury.
salicifolia R. Dahlgren - erect shrublet with flat velvety leaves, 0,4-1 m, flowers yellow; mainly 1-2; upper slopes, Paarl, Stellenbosch, Caledon.
salteri L. Bolus - spreading or prostrate shrublet, 300-600 mm, flowers yellow; 11-12; mainly limestone hills, Peninsula to Swellendam.
sanguinea Thunb. - erect or spreading shrub, 0,1-1 m, flowers yellow, orange, rose or purple; 12-3; limestone, Bredasdorp, Riversdale.
sceptrum-aureum R. Dahlgren - erect rod-like shrub with spine-tipped leaves, 1-3 m, flowers yellow; 8-9; lower slopes, Ladismith, Oudtshoorn, George.
secunda E. Meyer - spiny shrub, to 1 m, flowers yellow; 9; low hills, Malmesbury.

securifolia Ecklon & Zeyher - erect shrub with flat leaves, 0,3-1,2 m, flowers pale yellow; 1-12; lower slopes, Worcester to Riversdale, Caledon.
sericea Bergius - (geelkapelbos); rod-like shrub with flat silver leaves, 0,4-2,5 m, flowers yellow; mainly 9-11; flats and slopes, Cedarberg to Worcester, Witteberg, Montagu, Piketberg to Bredasdorp.
serpens R. Dahlgren - prostrate shrublet with spine-tipped leaves, flowers pale yellow; 9-2; flats and lower slopes, Peninsula to Bredasdorp.
setacea Ecklon & Zeyher - shrub or shrublet, 0,3-2 m, flowers yellow; 1-12; flats and lower coastal slopes, Knysna to Port Elizabeth (E Cape, Transkei).
smithii R. Dahlgren - spreading shrublet, to 300 mm, flowers yellow; 2-4; roadsides, Caledon to Swellendam.
spectabilis R. Dahlgren - shrub with needle-like leaves, 0,6-2 m, flowers bright yellow; 10-11; lower slopes, Riversdale, Mossel Bay.
spicata Thunb. - erect or spreading shrub with spine-tipped leaves, 0,2-2 m, flowers yellow to orange; 8-1; mountain slopes, Nieuwoudtville to Worcester, Paarl, Peninsula to Swellendam.
spiculata R. Dahlgren - low shrub with spine-tipped leaves, 400-800 mm, flowers bright yellow; 9-10; upper slopes, Worcester, Montagu, Witteberg.
spinescens Thunb. - rigid shrub with spiny branches, 0,8-2 m, flowers yellow; 9-10; sandy flats or lower slopes, Nieuwoudtville to Malmesbury (S Namaqualand).
spinosa L. - variable spiny shrub, 0,2-2 m, flower bright yellow fading reddish; 8-3; clay slopes and flats, Gifberg, Clanwilliam to Port Elizabeth (E Cape to Natal).
spinosissima R. Dahlgren - erect or spreading shrub with needle-like leaves, 0,2-1 m, flowers yellow; 10-2; upper slopes, Cedarberg, Ceres to Stellenbosch.
stenophylla Ecklon & Zeyher - erect or spreading shrublet with flat leaves, to 150 mm, flowers yellow; 9-12; lower slopes, Caledon, Montagu to Swellendam.
steudeliana Brongn. - erect much-branched shrub, 0,3-1 m, flowers yellow fading red; 8-10; flats and low hills in coastal renosterveld, Caledon to Mossel Bay.
stokoei L. Bolus - long-leafed shrub, to 3 m, flowers large, yellow; 10-1; moist upper slopes, Caledon.
suaveolens Ecklon & Zeyher - sprawling shrublet with flat leaves, 100-200 mm, flowers yellow; 11-1; high alt., Tulbagh.
submissa R. Dahlgren - spreading shrublet, 100-350 mm, flowers white and purple; 9-11; lower slopes, Robertson, Caledon to Mossel Bay.
subulata Thunb. - erect shrub with spine-tipped leaves, 300-800 mm, flowers yellow, fading purplish; 9-11; lower slopes, Caledon.
sulphurea R. Dahlgren - spreading shrublet with flat leaves, flowers sulphur-yellow; 10; upper slopes, Ceres.
taylori R. Dahlgren - sprawling shrublet with flat leaves, 250-450 mm, flowers yellow; 12; moist lower slopes, Caledon.
tenuissima R. Dahlgren - sprawling shrublet, to 1 m, flowers yellow, orange or purple; 1-12; sandy lower slopes, Mossel Bay to Humansdorp.
teres Ecklon & Zeyher - shrub or small tree with needle-like leaves, 1-4 m, flowers yellow; 1-12; lower slopes, Uitenhage, Port Elizabeth (E Cape).
ternata (Thunb.) Druce - erect shrub with flat silky grey leaves, 400-900 mm, flowers yellow fading purple; 9-12; flats, Clanwilliam to Peninsula.
tridentata L. - erect shrub with flat grey leaves, 300-900 mm, flowers yellow; 10-12; lower slopes, Nieuwoudtville to Worcester, Robertson, Peninsula to Bredasdorp.
triquetra Thunb. - usually erect shrub, 0,2-1,5 m, flowers yellow; 9-1; mountain slopes, Cedarberg to Worcester, Witteberg, Piketberg, Malmesbury.
truncata Ecklon & Zeyher - rigid low shrub with flat leaves, flowers yellow; 11; mountain slopes, Tulbagh, Worcester.

tuberculata Walp. - erect or spreading shrublet, 0,4-1 m, flowers yellow; 6-2; mountain slopes, Worcester, Roberston, Witteberg, Ladismith, Caledon (Karoo?).
tylodes Ecklon & Zeyher - erect shrublet with flat leaves, 0,4-1 m, flowers yellow; 10-11; sandy flats, Peninsula to Riversdale.
ulicina Ecklon & Zeyher - erect shrub or shrublet with needle-like leaves, 0,2-1,2 m, flowers yellow; 9-11; lower slopes, Clanwilliam to Tulbagh, Piketberg.
uniflora L. - erect shrub, 1-3 m, flowers yellow; 9-1; flats and slopes, Clanwilliam to Peninsula, Worcester, Caledon to Riversdale.
vaccinifolia R. Dahlgren - stout sprawling shrublet with flat leaves, 200-500 mm, flowers yellow; 11-12; steep rocky upper slopes, Hottentots Holland Mts.
varians Ecklon & Zeyher - spreading shrublet, 150-600 mm, flowers yellow; 10-11; flats and low hills, Clanwilliam to Stellenbosch.
variegata Ecklon & Zeyher - erect or spreading shrublet, 150-400 mm, flowers yellow; 11; sandy flats, Cape Peninsula (probably extinct).
venosa E. Meyer - low dense shrub with flat leaves, flowers yellow fading reddish; 10; sand among rocks, Gifberg.
verbasciformis R. Dahlgren - erect rod-like shrub with spine-tipped leaves, 0,6-1,2 m, flowers yellow; 9-12; rocky lower slopes, Montagu to Swellendam.
vermiculata Lam. - erect shrub, 0,4-2 m, flowers bright yellow; 10-1; drier slopes, Swartberg Mts. to Uniondale.
villosa Thunb. - slender sprawling shrublet with flat grey silky leaves, branches 100-400 mm, flowers yellow; 10-12; upper slopes, Ceres, Piketberg to Worcester.
vulnerans Thunb. - erect shrub with needle-like leaves, 1-3 m, flowers bright yellow; 9-12; low to middle alt., Gifberg, Lokenburg, Cedarberg, Piketberg.
vulpina Garab. ex R. Dahlgren - erect rod-like shrublet with flat leaves, 150-400 mm, flowers yellow; 9-10; lower slopes, Swellendam, Riversdale.
wittebergensis Compton & Barnes - spreading woody shrublet, flowers yellow; 8-1; arid upper slopes, Cedarberg to Worcester, Witteberg.
wurmbeana E. Meyer - erect or spreading shrub, 0,3-1,5 m, flowers yellow to purple; 1-3; usually clay flats, Gifberg, Clanwilliam to Malmesbury.
zeyheri (Harvey) R. Dahlgren - erect or spreading shrublet, 300-900 mm, flowers yellow; 9-11; clay flats, Swellendam, Riversdale.

BOLUSAFRA 1 sp - S W Cape

bituminosa (L.) Kuntze - (teerertjie); resinous tar-scented sprawling shrublet, flowers bright yellow; 8-1; sandy fynbos slopes, Tulbagh, Peninsula to Caledon.

BUCHENROEDERA 20 sp - S W Cape to eastern S Africa

multiflora Ecklon & Zeyher - silvery shrub, 300-600 mm, flowers pale yellow; 8-2?; rocky slopes, Uitenhage (E Cape).

CALPURNIA ca 16 sp - tropical and southern Africa

villosa Harvey - (Cape laburnum, geelkeurboom); shrub to 2 m, flowers yellow; 12-5; rocky slopes and ravines, Montagu to Oudtshoorn.

COELIDIUM 19 sp - S W Cape to Namaqualand

bowiei Benth. - densely-branched spreading shrublet, 150-300 mm, flowers yellow; 6-8; middle slopes, Caledon.

bullatum Benth. - densely-branched shrublet, to 150 mm, flowers ?; 9; mountain summits, Riversdale.
cedarbergensis Granby - erect or spreading slender shrublet, to 200 mm, flowers pink and purple; 5-10; upper mountain slopes, Cedarberg Mts.
ciliare (Ecklon & Zeyher) Walp. - erect or spreading shrublet, 150-300 mm, flowers white and violet; 8-10; lower slopes, Caledon, Robertson.
cymbifolium C.A. Smith - grey-leafed shrublet, 150-300 mm, flowers pink and purple?; 4-10; rocky middle slopes, Langeberg Mts.
dahlgrenii Granby - sprawling shrublet, flowers white and violet; 8-9; dry upper slopes, Hex River Mts.
esterhuyseniae Granby - dense sprawling shrublet, 160-320 mm, flowers white and purple; 11-1; rocky upper slopes, Hex River Mts.
humile Schltr. - compact grey-leafed shrublet, 150-450 mm, flowers pink; 10-1; summits and upper slopes, Hex River Mts.
minimum Granby - shrublet to 800 mm, flowers rose and purple; 9; among rocks, Nieuwoudtville.
muirii Granby - densely-branched woody shrublet, to 500 mm, flowers cream and purple; 5-9; rocky mid to upper slopes, Ladismith.
muraltioides Benth. - spreading shrublet, to 400 mm, flowers pink and purple; 1-12; rocky mid to upper slopes, Clanwilliam to Worcester, Swartberg Mts.
pageae L. Bolus - erect shrublet, to over 300 mm, flowers white and purple; 7-8; rocky lower slopes, Montagu.
parvifolium (Thunb.) Druce - erect shrub, to 1 m, flowers pink and purple; 9-12; mid to upper slopes, Swartberg Mts. to Uniondale.
perplexum (Ecklon & Zeyher) Granby - erect shrub, to 1 m, flowers pink and violet; 9-1; high alt., Clanwilliam to Worcester, Paarl, Swartberg Mts.
purpureum Granby - compact shrub or shrublet, flowers purple; 12; high alt., Cedarberg Mts.
spinosum Harvey - thorny shrub, 0,5-1,2 m, flowers pink and purple; 8-10; dry mountain slopes, Hex River to Witteberg Mts.
tortile (E. Meyer) Druce - shrublet, 150-200 mm, flowers cream and purple; 6-12; lower to middle slopes, Clanwilliam, Worcester, Tulbagh.
villosum (Schltr.) Granby - erect or spreading shrublet, 300-900 mm, flowers pink or magenta; 9-11; upper shale band, Cedarberg Mts.

CROTALARIA over 500 sp - pantropical and subtropical

capensis Jacq. - (Cape laburnum, geelkeurtjie); shrub, 2-3 m, flowers yellow; 8-12; Peninsula (introduced), Knysna to Port Elizabeth (E Cape to Natal).
excisa (Thunb.) Baker f. - sprawling perennial, 100-150 mm, flowers yellow; 8-10; Clanwilliam, Hopefield, Peninsula, Montagu (Namaqualand).
obscura DC. - sprawling pubescent perennial, flowers yellow and maroon; 9-11; grassland, Uitenhage (E Cape to Natal).

CYCLOPIA 20 sp - S W and S Cape

aurescens Kies - shrub to 1 m, flowers yellow; 11-12; upper mountain slopes, Witteberg, Swartberg and Langeberg Mts.
bolusii Hofmeyer & E. Phillips - small pubescent shrublet, flowers yellow; 12; high alt., Swartberg Mts.
bowieana Harvey - (vleitee); shrub to 700 mm, flowers yellow; 6?; upper mountain slopes, Swellendam, George.
burtonii Hofmeyer & E. Phillips - (heuningtee, suikertee); much-branched small-leafed shrublet, flowers yellow; 11-12; Swartberg Mts.

buxifolia (Burm. f.) Kies - (boertee); shrub to 1 m, flowers yellow; 9-11; upper slopes, Peninsula, Swartberg Mts.
capensis T.M. Salter - shrub, 300-900 mm, flowers yellow; 2-4; sandy slopes, Cape Peninsula.
dregeana Kies - shrub to 600 mm, flowers yellow; 9-10?; upper slopes, Ceres, Tulbagh, Paarl, Worcester.
falcata (Harvey) Kies - (Heidelberg tea); shrub, 500-900 mm, flowers yellow; 9-11; upper slopes, Ceres to Stellenbosch, Worcester to Ladismith, Witteberg, Caledon.
filiformis Kies - small shrublet, to 200 mm, flowers yellow; 11; Port Elizabeth.
galioides (Bergius) DC. - stout shrub, to 1 m, flowers yellow; 1-5; Cape Peninsula.
genistoides (L.) Vent. - (honey tea, heuningtee); narrow-leafed shrub, flowers yellow, 300-700 mm; 7-12; flats and slopes, Worcester, Paarl, Malmesbury, Peninsula to Swellendam, Uniondale.
intermedia E. Meyer - (Kouga bush tea); shrub, 500-700 mm, flowers yellow; 7-11; dry upper slopes, Ladismith to Uniondale, Riversdale, Humansdorp.
longifolia Vogel - narrow-leafed shrublet, to 150 mm, flowers yellow; 1; Port Elizabeth.
maculata (Andrews) Kies - (vleitee, rooibostee); narrow-leafed shrub, 1-2 m, flowers yellow with dark blotch; 9-10; lower slopes near streams, Worcester, Paarl, Stellenbosch to Riversdale.
meyeriana Walp. - pubescent shrub, to 1 m, flowers yellow; 7-1; marshes at high alt., Paarl, Worcester, Witteberg.
montana Hofmeyer & E. Phillips - narrow-leafed shrub, 1-2 m, flowers yellow; 7-11; upper slopes, Ceres to Paarl, Worcester, Swellendam, Uniondale.
plicata Kies - narrow-leafed shrublet, flowers yellow; 10-11; Uniondale.
pubescens Ecklon & Zeyher - robust pubescent shrub, 1-2 m, flowers yellow; 7-9; river banks, Port Elizabeth.
sessiliflora Ecklon & Zeyher - (gewone bossiestee, Heidelbergtee); shrub to 900 mm, flowers yellow; 9-4; near streams, Montagu to Riversdale.
subternata Vogel - (gewone bossiestee); shrub, 1-3 m, flowers yellow; 9-11; coastal slopes, Riversdale to Humansdorp.

DIPOGON 1 sp - S W to E Cape

lignosus (L.) Verdc. - (= **Dolichos gibbosus** Thunb.) (wilde-ertjie, bosklimop); herbaceous vine, flowers magenta to pink; 1-12; coastal bush or forest, Malmesbury, Peninsula to Port Elizabeth (E Cape).

DOLICHOS ca 150 sp - pantropical and subtropical

decumbens Thunb. - straggling perennial, 300-600 mm, flowers violet, pink or blue; 6-8; Nieuwoudtville, Piketberg, Tulbagh to Peninsula.
hastiformis E. Meyer - straggling perennial, flowers bright pink to mauve; 10-12; Riversdale, Knysna, Uitenhage (E Cape).

DUMASIA 9 sp - southern Africa, Madagascar, tropical Asia

villosa DC. - slender vine, flowers yellow; 12-2; forest, Knysna (E Cape to tropical Africa, Asia, Madagascar).

ERIOSEMA ca 140 - pantropical and subtropical

zeyheri E. Meyer - erect or spreading somewhat woody perennial, 150-450 mm, flowers apricot; 10-11; grassland, Uitenhage (E Cape).

ERYTHRINA ca 100 sp - pantropical and subtropical

caffra Thunb. - (coral tree, kuskoraalboom); deciduous tree, 9-20 m, flowers scarlet; 8-9; coastal and riverine forest, Humansdorp to Port Elizabeth (E Cape to Zululand).

HYPOCALYPTUS 3 sp - S W and S Cape

coluteoides (Lam.) R. Dahlgren - (rooikeur); tall shrub, 1-3 m, flowers bright pink; 7-11; streamsides and forest margins, Caledon to Humansdorp.
oxalidifolius (Sims) Baillon - suberect to sprawling shrublet, 250-500 mm, flowers pink to purple; 7-9; lower mountain slopes, Caledon to Humansdorp.
sophoroides (Bergius) Baillon - robust shrub, 1-4 m, flowers magenta; 10-12; mountain slopes, Cedarberg to Paarl, Stellenbosch, Caledon.

INDIGOFERA ca 750 sp - pantropical and subtropical

adscendens Ecklon & Zeyher - flexuose perennial, flowers purple; 9; karroid hills, Swellendam.
amoena Aiton - robust shrub, to 1 m, flowers rose; 7-9; Nieuwoudtville to Clanwilliam, Tulbagh.
angustifolia L. - (wildeboontjie); sprawling wiry-stemmed shrublet, 300-600 mm, flowers rose; 8-1; flats, Worcester, Peninsula to Riversdale.
brachystachya E. Meyer - (beesbossie, nentabossie); dense silvery erect shrublet, 300-600 mm, flowers rose; 1-12; lower slopes, Peninsula to Swellendam.
candicans Aiton - slender spreading shrublet, 50-300 mm, flowers rose to purple; 9-11; damp flats and hills, Paarl, Riversdale, Robertson to Uniondale.
capillaris Thunb. - slender spreading perennial, flowers magenta; 8-11; peaty flats, Peninsula to Bredasdorp.
cardiophylla Harvey - low grey-leafed woody shrublet, 100-200 mm, flowers rose to purple; ?; dry upper slopes, Witteberg, Mossel Bay? (poorly known).
complicata Ecklon & Zeyher - shrublet with many spreading slender silvery stems, 200-400 mm, flowers purple; 9-10; high alt., Swellendam, Montagu, Oudtshoorn.
concava Harvey - erect wiry shrublet, 200-300 mm, flowers rose to purple; 7-10; Swellendam to George.
cytisoides Thunb. - robust shrub, 1-3 m, flowers rose; 3-5; moist hillsides, Peninsula, Caledon.
declinata E. Meyer - spreading shrublet, 100-200 mm, flowers rose to purple; 10-12; rocky upper slopes, Swartberg Mts. to Uniondale.
denudata Thunb. - twiggy occ. spiny shrub, 400-900 mm, flowers rose; 10-5; mountain slopes, George to Port Elizabeth (E Cape).
depressa Harvey - slender woody prostrate perennial, flowers rose to purple; 10-4; Bredasdorp to Uniondale.
digitata Thunb. - shrublet with slender woody spreading stems, 300-600 mm, flowers rose to purple; 9-1; mountain slopes, Tulbagh, Stellenbosch, Caledon.
dillwynioides Benth. - wiry-stemmed shrublet, 200-300 mm, flowers rose to purple; 10-1; rocky slopes, Gifberg, Ceres.
filicaulis Ecklon & Zeyher - slender wiry-stemmed spreading shrublet, 100-400 mm, flowers rose; 10-1; peaty marshes, Tulbagh to Peninsula, Ceres, Worcester, Caledon, Bredasdorp.
filifolia Thunb. - erect nearly leafless shrub, 0,8-2 m, flowers rose to purple; 12-4; streamsides, Gifberg, Clanwilliam to Peninsula, Caledon, George.
filiformis Thunb. - erect or spreading shrublet, 300-600 mm, flowers rose to purple; 7-12; lower slopes, Cape Peninsula.

flabellata Harvey - erect densely-branched shrub, 1-2,5 m, flowers purple; 3-5; Riversdale, Oudtshoorn, Knysna (S Karoo).
frutescens L.f. - (kouebos); stout shrub, 1-2 m, flowers rose to purple; 7-10; mountain slopes, Gifberg, Clanwilliam to Paarl, Piketberg, Worcester.
fulcrata Harvey - spreading shrublet, 300-600 mm, flowers purple; 12-4; Tulbagh, Worcester.
gifbergense Stirton ined. - dense shrub, leafless when mature, to 1 m, flowers small, dark red; ?; rocky riverbanks, Gifberg plateau.
glabella Fourc. - slender-stemmed shrub, 600-900 mm, flowers purple; 7-8; near water, Humansdorp.
glaucescens Ecklon & Zeyher - sprawling grey-green shrublet, 150-400 mm, flowers rose to purple; 9-10; near streams, Uitenhage (E Cape, Karoo).
glomerata E. Meyer - nearly prostrate shrublet, flowers rose to purple; 8-11; dry slopes, Peninsula, Caledon.
gracilis Sprengel - spreading slender shrublet, 300-600 mm, flowers rose; 8-10; lower slopes, Paarl to Peninsula.
grisophylla Fourc. - virgate shrublet with whitish leaves, to 300 mm, flowers white; 3; Humansdorp.
guthriei Bolus - small diffuse shrublet, 50-100 mm, flowers rose to purple; 1-2; rocky hillsides, Caledon.
hamulosa Schltr. - branching grey-leafed shrublet, flowers purple; 10-11; limestone hills, Bredasdorp.
heterophylla Thunb. - spreading shrublet, 150-300 mm, flowers rose to purple; 7-11; widespread, Clanwilliam to Port Elizabeth, not Peninsula (E Cape).
hispida Ecklon & Zeyher - erect much-branched silvery shrub, to 1 m, flowers rose to purple; 4-5; Knysna to Uitenhage.
humifusa Ecklon & Zeyher - nearly prostrate yellowish-green perennial, flowers purple; 9-12; moist slopes, Cedarberg to Worcester, Oudtshoorn, Paarl (W Karoo).
incana Thunb. - prostrate shrublet, 300-600 mm, flowers rose; 8-10; lower to middle slopes, Piketberg to Peninsula, Caledon.
langebergensis L. Bolus - (aff. **I. frutescens** L.f.); shrub, 0,3--2 m, flowers rose to purple; 1-12; Montagu to Mossel Bay.
leptocarpa Ecklon & Zeyher - slender trailing shrublet, flowers purple; 12-1; Uniondale.
mauritanica (L.) Thunb. - sprawling shrublet, flowers rose to purple; 1-12; sandy flats and slopes, Peninsula to Caledon.
mundiana Ecklon & Zeyher - sprawling slender shrublet, flowers rose to purple; 1-2; Swellendam.
nitida T.M. Salter - sprawling perennial, flowers rose; 9-11; Cape Peninsula.
obcordata Ecklon & Zeyher - low woody silvery shrublet, 100-150 mm, flowers rose to purple; 1-3; karroid hills, Ladismith, Swellendam (Karoo).
ovata Thunb. - trailing perennial, flowers rose to purple; 9-12; Paarl, Caledon to George.
pappei Fourc. - densely-branched shrublet, 300-600 mm, flowers rose to purple; 4-8; Knysna, Humansdorp.
pauciflora Ecklon & Zeyher - slender perennial or shrublet, flowers rose to purple; 3; Uitenhage.
pilgeriana Schltr. - slender wiry-stemmed shrublet, 100-150 mm, flowers rose to purple; 5-8; Worcester, Paarl, Caledon.
porrecta Ecklon & Zeyher - trailing perennial, 300-600 mm, flowers rose to purple; 7-10?; Caledon to Port Elizabeth (E Cape).
procumbens L. - trailing perennial, flowers rose to purple; 6-9; sand dunes and moist flats, Clanwilliam to Peninsula, Worcester.

psoraleoides L. - erect perennial, 250-800 mm, flowers rose to purple; 9-1; flats and lower slopes, Tulbagh to Peninsula.
quinquefolia E. Meyer - wiry-stemmed low shrublet, 50-150 mm, flowers rose to purple; 12-1; upper slopes, Caledon.
rhodantha Fourc. - erect shrub, to 300 mm, flowers rose; 10-2; lower mountain slopes, Uniondale.
sarmentosa L.f. - prostrate wiry-stemmed shrublet, 200-600 mm, flowers rose; 11-1; mid to upper slopes, Peninsula to George (E Cape, Transkei).
setacea E. Meyer - slender sprawling perennial, 150-300 mm, flowers rose to purple; 8-10; Cape Peninsula.
stricta L.f. - erect shrublet, 300-600 mm, flowers rose to purple; 8-10; George to Uitenhage.
sulcata DC. - erect densely branched shrublet, 300-750 mm, flowers pink; 1-8; Uniondale to Port Elizabeth.
superba Stirton - grey-leafed shrub, to 2 m, flowers rose; 12-4; lower mountain slopes in fynbos, Caledon.
thesioides Stirton ined. - densely twiggy compact grey shrub, to 400 mm, flowers pink; ?; steep rocky slopes, Meiringspoort, Swartberg Mts.
tomentosa Ecklon & Zeyher - prostrate pubescent perennial, 300-450 mm, flowers rose to purple; 8-12?; sand dunes, Bredasdorp, Uitenhage.
triquetra E. Meyer - slightly branched perennial, to 650 mm, flowers rose to purple; 11; Piketberg, Tulbagh.
venusta Ecklon & Zeyher - slender straggling perennial, 300-500 mm, flowers rose to purple; 9; damp areas, Clanwilliam.
zeyheri Sprengel ex Ecklon & Zeyher - straggling greyish shrublet, 150-400 mm, flowers rose to purple; 11-3; Uniondale to Port Elizabeth (to Natal).

LEBECKIA ca 45 sp - southern Africa, Madagascar

ambigua E. Meyer - many-stemmed herbaceous shrublet, to 450 mm, flowers yellow; 8-9; sandy areas, Clanwilliam, Piketberg, Saldanha Bay (W Karoo, Namaqualand).
bowieana Benth. - rigid low shrub, to 200 mm, flowers yellow; 9; karroid areas, Mossel Bay.
contaminata (L.) Thunb. - trailing perennial with simple articulated leaves, 300-600 mm, flowers yellow; 10-2; flats, lower slopes and plateaus, Nieuwoudtville to Peninsula, Bredasdorp?
cytisoides Thunb. - silvery shrub, 1-2 m, flowers yellow; 7-3; Nieuwoudtville to Malmesbury, Worcester, Montagu, Swellendam.
densa Thunb. - rigid woody shrublet, 200-400 mm, flowers yellow; 8; Swellendam.
fasciculata Benth. - erect or spreading rigid shrublet, to 400 mm, flowers yellow; 9; Riversdale.
grandiflora Benth. - robust many-stemmed perennial, 200-300 mm, flowers yellow; 10; Ceres, Worcester, Caledon.
inflata Bolus - erect perennial, 150-250 mm, flowers yellow; 10-11; middle slopes, Cape Peninsula.
leipoldtiana Schltr. ex R. Dahlgren - erect much-branched shrub, 0,5-1 m, flowers yellow; 7-10; Nieuwoudtville, Clanwilliam (W Karoo, Namaqualand).
leptophylla Benth. - erect shrublet, to 250 mm, flowers yellow; 10-11; high alt., Swellendam.
longipes Bolus - sprawling perennial, 300-600 mm, flowers yellow; 11-2; high alt., Ceres, Worcester, Paarl, Mossel Bay.
macowanii T.M. Salter - sprawling herbaceous shrublet with simple articulated leaves, flowers yellow; 9-11; gravelly flats, Cape Peninsula.

melilotoides R. Dahlgren - velvety spreading shrublet, to 400 mm, flowers yellow; 10-11; dry sandy slopes, Ceres.
meyeriana Ecklon & Zeyher - trailing perennial with simple articulated leaves, 300-400 mm, flowers yellow; 10-12; flats and lower slopes, Tulbagh to Peninsula, Worcester.
mucronata Benth. - erect shrublet, 150-200 mm, flowers yellow; 10; stony slopes, Uitenhage (E Cape).
multiflora E. Meyer - erect shrublet, 0,4-2 m, flowers yellow; 3-9; karroid areas, Clanwilliam to Malmesbury (Namaqualand, Namibia).
pauciflora Ecklon & Zeyher - slender many-stemmed perennial with simple articulated leaves, 450-600 mm, flowers yellow; 9-12; sandy lower slopes, Ceres, Worcester to Oudtshoorn, Piketberg, Caledon, George.
plukenetiana E. Meyer - sprawling perennial with simple unarticulated leaves, 300-500 mm, flowers yellow; 8-12; lower slopes, Worcester, Malmesbury, Peninsula.
psiloloba Walp. - rigid spiny nearly leafless shrublet, to 250 mm, flowers yellow; 12-6; grassland near streams, Uitenhage (E Cape).
pungens Thunb. - rigid spiny nearly leafless shrub, to 400 mm, flowers yellow; 10-3; arid areas, Uniondale (Karoo).
sepiaria (L.) Thunb. - sprawling perennial, 150-350 mm, flowers yellow; 9-11; Knysna to Uitenhage.
sericea Thunb. - silvery shrublet, to 1,5 m, flowers yellow; 7-9; sandy lower slopes and flats, Clanwilliam (Namaqualand).
sessilifolia (Ecklon & Zeyher) Benth. - erect rigid shrublet, 0,4-1,5 m, flowers yellow; 10; limestone ridges, Bredasdorp to Riversdale.
simsiana Ecklon & Zeyher - herbaceous long-leafed shrublet, 300-600 mm, flowers yellow; 9-1; Clanwilliam to Stellenbosch, Worcester, Swellendam.
wrightii (Harvey) Bolus - spreading to prostrate simple-leafed perennial, 200-400 mm, flowers yellow; 7-12; sandy flats and lower slopes, Peninsula, Caledon.

LESSERTIA ca 60 sp - tropical and southern Africa

annularis Burchell - (krimpsiektebos); sprawling annual or perennial, to 250 mm, flowers cerise; 8-9; Worcester, Swellendam, Uitenhage (Karoo, E Cape, Namibia).
argentea (Thunb.) Harvey - (strandertjiebos); sprawling perennial, 300-500 mm, flowers dull purple; 9-10; coastal dunes, Cape Peninsula.
brachystachya E. Meyer - loose shrublet, to 300 mm, flowers purple; mainly 8-11; coastal grassland, Swellendam to Port Elizabeth (E Cape, Transkei).
capensis (Bergius) Druce - (harslagbossie); loose perennial or shrublet, flowers crimson or scarlet; 8-10; Cedarberg to Peninsula, Caledon.
carnosa Ecklon & Zeyher - narrow-leafed shrublet, to 200 mm; 12; karroid hills, Uitenhage (E Cape).
depressa Harvey - (gansiebossie); spreading shrublet, 150-450 mm, flowers pink; 8-12; near water, Uitenhage (E Cape).
diffusa R. Br. - (dou-ertjiebos); sprawling woolly perennial, 200-450 mm, flowers pink; 8-9; Nieuwoudtville, Clanwilliam, Piketberg (Namaqualand).
excisa DC. - sprawling perennial, 200-400 mm, flowers pink; 8-10; Cedarberg to Worcester, Tulbagh to Peninsula (W Karoo, Namaqualand).
globosa L. Bolus - trailing perennial, to 500 mm, flowers pink; 10; grassy places, Malmesbury.
herbacea (L.) Druce - prostrate annual or perennial, 300-500 mm, flowers dull purple; 9-12; Clanwilliam to Uitenhage.

kensitii L. Bolus - sprawling perennial, to 400 mm, flowers lilac; 9; Port Elizabeth.
margaritacea E. Meyer - erect shrub, to 1 m, flowers pink; 7-10; Ceres?, Swellendam (Karoo).
miniata T.M. Salter - sprawling perennial, to 1 m, flowers brick-red fading purple; 10-11; coastal areas, Peninsula to Caledon.
pappeana Harvey - suberect perennial, 300-600 mm, flowers purple; 11; Tulbagh to Stellenbosch.
physodes Ecklon & Zeyher - (duinertjie, opblaasertjie); erect or spreading shrublet, to 450 mm, flowers red; 10; Swellendam to Port Elizabeth (E Cape, Transkei).
prostrata DC. - (blaasertjie); prostrate perennial, 200-300 mm, flowers pink; 9-11; sandy flats, Malmesbury.
spinescens E. Meyer - erect rigid spiny shrublet, 300-600 mm, flowers pink or purple; 8-9; Clanwilliam, Worcester (Namaqualand).
stenoloba E. Meyer - spreading perennial, to 300 mm, flowers purple; 8-10; limestone ridges, Bredasdorp, Riversdale to Port Elizabeth (E Cape).
subumbellata Harvey - sprawling perennial, 200-450 mm, flowers reddish; 10; grassland, Swellendam.
tomentosa DC. - (blaasertjie); prostrate woolly perennial, 200-400 mm, flowers pink to purple; 8-10; coastal sands, Stellenbosch, Peninsula.

LIPARIA 2 sp - S W Cape

parva Vogel ex Walp. - prostrate shrublet, branches to 300 mm, flowers in large heads, pale yellow; 5-11; sandy flats and lower slopes, Cape Peninsula.
splendens (Burm. f.) Bos & de Wit - (= **L. sphaerica** L.) (mountain dahlia, klipblom, skaamblom); shrub, 0,3-2,5 m, flowers in dense heads, orange; 1-12; rocky mountain slopes, Paarl, Peninsula to Mossel Bay.

LOTONONIS over 100 sp - mainly Africa, also Asia

acuminata Ecklon & Zeyher - diffuse perennial, 150-200 mm, flowers yellow; 10; Uitenhage (E Cape).
angustifolia (E. Meyer) Steudel - more or less erect perennial, 150-350 mm, flowers yellow; 12-2; sandy flats, Paarl, Peninsula to Swellendam.
anthylloides Harvey - diffuse perennial, 100-200 mm, flowers yellow; 10; Ceres (Namaqualand).
argentae Ecklon & Zeyher - diffuse perennial, to 150 mm, flowers blue; 11; Montagu.
azurea (Ecklon & Zeyher) Benth. - diffuse perennial, 150-300 mm, flowers blue; 2-8; Oudtshoorn, Humansdorp to Port Elizabeth.
bolusii Dummer - spreading perennial?, to 150 mm, flowers yellow; 10; sandy places, Tulbagh, Piketberg, Malmesbury.
brachyloba Benth. - prostrate perennial, 200-300 mm, flowers occ. pink; 7-10; sand, Clanwilliam, Piketberg, Ceres (Namaqualand).
debilis Benth. - spreading shrublet, 100-250 mm, flowers yellow; 4-9; coastal, Caledon to Riversdale, Port Elizabeth.
depressa Ecklon & Zeyher - slender shrub, 0,5-1,5 m, flowers yellow; 8-12; Montagu, Riversdale (Karoo, E Cape).
exstipulata L. Bolus - low perennial, to 100 mm, flowers yellow; 1; Ceres.
falcata (E. Meyer) Benth. - erect or diffuse perennial, 100-300 mm, flowers yellow; 3-9; Clanwilliam (Namaqualand, Namibia).
flava Dummer - (resembles **L. depressa** Ecklon & Zeyher and **L. pungens** Ecklon & Zeyher); prostrate perennial, to 150 mm, flowers yellow; ?; dry hills, Mossel Bay (poorly known).

gracilis (E. Meyer) Benth. - rigid erect shrublet, to 300 mm, flowers yellow; 9-11; rocky slopes, Clanwilliam, Cedarberg (Namaqualand).
involucrata (Bergius) Benth. - sprawling pubescent perennial, to 350 mm, flowers yellow; 7-10; Clanwilliam, Worcester, Tulbagh to Stellenbosch, Caledon, Swellendam.
leucoclada (Schltr.) Dummer - rigid erect shrublet, 200-400 mm, flowers yellow; 8-9; Clanwilliam, Piketberg (S Namaqualand?).
macra Schltr. - (resembles **L. macrocarpa** Ecklon & Zeyher and **L. varia** (E. Meyer) Steudel); erect perennial, flowers yellow; ?; clay slopes, Clanwilliam.
macrocarpa Ecklon & Zeyher - prostrate perennial, 150-300 mm, flowers yellow; 7-8; Clanwilliam (Namaqualand).
maximiliani Schltr. - prostrate annual, 50-150 mm, flowers dark blue or purple; 7-9; sand or rocks, Clanwilliam, Ceres (W Karoo).
micrantha (Thunb.) Harvey - straggling perennial, to 600 mm, flowers yellow; 9-11; sand, Clanwilliam, Ceres, Piketberg.
monophylla Harvey - low perennial from woody base, 50-100 mm, flowers yellow; 10; stony grassland, Uitenhage.
neglecta Dummer - (resembles **L. versicolor** Benth.); spreading perennial, flowers yellow; ?; Uitenhage (poorly known).
oxyptera (E. Meyer) Benth. - trailing perennial, to 400 mm, flowers yellow; 9-11; Clanwilliam, Tulbagh.
pallens Benth. - trailing perennial, 300-600 mm, flowers yellow; 9; Clanwilliam.
peduncularis (E. Meyer) Ecklon & Zeyher - common and variable diffuse perennial, flowers yellow; 8-10; sand, Malmesbury, Paarl, Peninsula to Bredasdorp.
perplexa (E. Meyer) Ecklon & Zeyher - slender trailing perennial, to 600 mm, flowers yellow; 8-11; Cape Peninsula.
prostrata (L.) Benth. - prostrate perennial, 100-250 mm, flowers pale yellow or blue; ?; Clanwilliam, Tulbagh to Peninsula, George?.
pumila Ecklon & Zeyher - prostrate woody shrublet, 100-300 mm, flowers reddish; 8-12; karroid areas, Riversdale, Uitenhage (E Cape).
pungens Ecklon & Zeyher - trailing perennial, 50-150 mm, flowers yellow; 10-12; karroid hills, Swellendam (Karoo, E Cape).
rigida (E. Meyer) Benth. - (resembles **L. gracilis** Benth.); low rigid shrub, flowers yellow; ?; Malmesbury (poorly known).
rosea Dummer - spreading annual?, to 200 mm, flowers pink; ?; Clanwilliam (poorly known).
sabulosa T.M. Salter - sprawling perennial, 300-400 mm, flowers yellow; 9; coastal sand, Malmesbury, Peninsula.
serpens (E. Meyer) R. Dahlgren - (= **Euchlora hirsuta** (Thunb.) Druce); silky prostrate perennial with underground runners, flowers yellow; 6-9; sand and clay flats and plateaus, Nieuwoudtville to Peninsula (Namaqualand).
tenuifolia (Ecklon & Zeyher) Dummer - sprawling perennial, 150-300 mm, flowers yellow; 9-11; sandy flats, Malmesbury to Peninsula.
trichopoda (E. Meyer) Benth. - (wild lucerne, wildelusern); nearly prostrate somewhat woody perennial, 150-300 mm, flowers yellow; 10-12; Oudtshoorn to Uitenhage (E Cape).
umbellata (L.) Benth. - sprawling perennial, 300-500 mm, flowers yellow; mainly 8-11; moist slopes, Paarl, Peninsula to Swellendam.
varia (E. Meyer) Steudel - suberect perennial, 150-250 mm, flowers violet-blue; 10-12; lower slopes, Paarl, Stellenbosch, Caledon, Swellendam.
versicolor Benth. - prostrate perennial, flowers yellow; 10; Uitenhage (E Cape).
viborgioides Benth. - slender woody shrublet, to 200 mm, flowers yellow; 9-11; Bredasdorp, Swellendam.
villosa (E. Meyer) Steudel - perennial with trailing stems, flowers yellow; ?; lower slopes, Malmesbury (poorly known).

MELOLOBIUM ca 20 - southern Africa, widespread

adenodes Ecklon & Zeyher - woody rounded shrublet, 150-600 mm, flowers yellow; 7-9; Malmesbury, Worcester (W Karoo, Namaqualand, Namibia).
aethiopicum (L.) Druce - dwarf shrublet, 200-300 mm, flowers yellow; 7-9; sand dunes or coastal hills, Clanwilliam to Peninsula (S Namaqualand).
candicans (E. Meyer) Ecklon & Zeyher - (stroopbos); spiny much-branched spreading whitish shrublet, to 300 mm, flowers yellow; 1-12; Uitenhage (Karoo, Namaqualand, Namibia).
exudans Harvey - gummy low shrublet, 300-400 mm, flowers yellow; 8-10; sand dunes, Malmesbury to Peninsula.
humile Ecklon & Zeyher - much-branched woody shrublet, 200-300 mm, flowers yellow; 7-10; sandy places, Clanwilliam to Malmesbury (Namaqualand).
stipulatum (Thunb.) Harvey - robust shrublet, to 400 mm, flowers yellow; ?; Worcester (poorly known).

OTHOLOBIUM ca 40 sp - Cape to E Africa
(= **Psoralea** in part).

albicans (Ecklon & Zeyher) Stirton ined. - slender shrub, to 2 m, flowers white; ?; Nieuwoudtville to Clanwilliam.
argenteum (Thunb.) Stirton ined. - silvery shrub, to 2 m, flowers blue; 10-12; Nieuwoudtville (Namaqualand) (poorly known).
bolusii (Forbes) Stirton ined. - small glabrescent shrublet, flowers blue; 10; Piketberg.
bowieanum (Harvey) Stirton ined. - spreading perennial, to 600 mm, flowers blue; ?; locality unknown.
candicans (Ecklon & Zeyher) Stirton ined. - much-branched shrub, to 1 m, flowers blue; 9-10; dry slopes, Tulbagh and Caledon to Port Elizabeth (E Cape).
carneum (E. Meyer) Stirton ined. - much-branched shrub, to 2 m, flowers white, occ. mauve; 7-12; Kouga Mts.
decumbens (Aiton) Stirton ined. - (agdaegeneesbos); trailing or spreading shrublet, flowers blue; 9-11; Tulbagh, Piketberg, Peninsula to Port Elizabeth (Transkei).
densum (E. Meyer) Stirton ined. - procumbent shrublet, flowers blue; ?; George to Uitenhage (E Cape).
fruticans (L.) Stirton ined. - (skaapbostee, swawelbos); erect or spreading leafy shrublet, 0,3-1 m, flowers blue; 6-1; dunes or sandy lower slopes, Peninsula to Port Elizabeth (E Cape).
hamatum (Harvey) Stirton ined. - erect branched shrub, flowers blue; 1; Ceres, Worcester (Namaqualand).
heterosepalum (Fourc.) Stirton ined. - shrub, 1-2 m, flowers white or blue; 10-12; Knysna to Humansdorp.
hirtum (L.) Stirton ined. - stiffly branched silvery shrub, 600-900 mm, flowers blue; 10-11; lower slopes, Tulbagh to Peninsula, Caledon.
macradenium (Harvey) Stirton ined. - much-branched leafy shrub, 300-900 mm, flowers purple; 7-12; Riversdale?, Oudtshoorn, George (Graaff-Reinet).
mundianum (Ecklon & Zeyher) Stirton ined. - leafy shrub, 300-600 mm, flowers blue; 11-12; Paarl, Stellenbosch, Swellendam.
obliquum (E. Meyer) Stirton ined. - leafy shrub, 0,6-1,2 m, flowers blue; 7-11; mountain slopes, Paarl, Stellenbosch, Caledon.
pictum Stirton - shrub to 2 m, flowers subsessile, white; 7-10; Baviaanskloof and Winterhoek Mts.
polyphyllum (Ecklon & Zeyher) Stirton ined. - densely leafy shrub, to 1 m, flowers blue; 7; coastal bush?, Port Elizabeth.
racemosum (Thunb.) Stirton ined. - flexuose shrublet, 150-300 mm, flowers white and purple; 12-2; Riversdale, George.

rotundifolium (L.f.) Stirton ined. - scarcely branched trailing perennial with simple leaves, 150-300 mm, flowers usually white; 12-4; Caledon.
rubicundum Stirton - small spreading shrublet, flowers pink; 10; foot of Swartberg Mts. near Ladismith, rare.
sericeum (Poiret) Stirton ined. - (= **P. tomentosa** Thunb.); erect or spreading shrublet with leaves silvery-silky below, 300-600 mm, flowers violet; 8-2; coastal flats, George to Port Elizabeth (E Cape).
spicatum (L.) Stirton ined. - densely leafy shrub, 1-2 m, flowers blue; 9-2; moist areas, Paarl, Peninsula, Swellendam to Port Elizabeth (E Cape).
stachydis (L.f.) Stirton ined. - branching pubescent shrublet, 300-600 mm, flowers blue; 9-10; Piketberg.
striatum (Thunb.) Stirton ined. - shrub or tree to 4 m, flowers creamy-yellow; 11-12; Clanwilliam to Worcester, Oudtshoorn, Swellendam (Namaqualand).
thomii (Harvey) Stirton ined. - sparsely branched trailing shrublet with simple leaves, to 150 mm, flowers bright mauve-blue; 6-11; recently burnt slopes, Caledon.
trianthum (E. Meyer) Stirton ined. - slender erect shrub, 0,6-1,2 m, flowers pink; 11-2; Clanwilliam to Worcester, Paarl, Malmesbury, Uitenhage?.
uncinatum (Ecklon & Zeyher) Stirton ined. - rigid shrublet, 300-900 mm, flowers blue; 11-1; Tulbagh, Piketberg, Stellenbosch, Caledon.
venustum (Ecklon & Zeyher) Stirton ined. - shrublet to 450 mm, flowers blue; ?; sand dunes, Saldanha.
zeyheri (Harvey) Stirton ined. - sparsely branched shrublet, to 400 mm, flowers blue; 11-1; Caledon.

PODALYRIA ca 22 - S W Cape to Natal

biflora (Retz.) Lam. - erect silky shrublet, 400-600 mm, flowers pink, occ. white; 10-12; mountain slopes, Tulbagh to Peninsula.
burchellii DC. - small rounded shrub, 300-600 mm, flowers pinky-mauve; 5-7; rocky grassland, Mossel Bay to Port Elizabeth (E Cape to Natal).
buxifolia Willd. - (keurtjie); shrublet, flowers mauve?; 10; ravines, Swellendam.
calyptrata Willd. - (pink keurtjie, keurblom, ertjiebos); robust shrub, to 3 m, flowers pink, occ. white; 8-10; ravines and hillsides, Peninsula to Bredasdorp.
canescens E. Meyer - shrub to 600 mm, flowers pink or magenta; 6-10; fynbos slopes, Clanwilliam to Paarl, Caledon to George?.
chrysantha Adamson - tall shrub, to 3 m, flowers yellow; 7-10; streambanks, Swartberg Mts., Ladismith.
cordata R. Br. - (klapperbos); shaggy-haired robust shrub, 0,6-1 m, flowers magenta; 5-10; moist mountain slopes, Paarl, Caledon.
cuneifolia Vent. - (wilde-ertjie); erect much-branched grey shrub, 0,6-1,2 m, flowers pink and white; 9-10; Worcester, Peninsula to Swellendam, George.
glauca DC. - (keurtjiebos); suberect shrublet, 300-600 mm, flowers purple and magenta; 9-12; Swellendam to Knysna.
insignis Compton - many-stemmed robust handsome shrub; 1-2 m, flowers rich yellow; 9-10; mountain fynbos, Montagu.
lanceolata Benth. - shrub, 0,6-1,2 m, flowers mauve-pink; 7-9; streamsides, Caledon?, Swellendam.
leipoldtii L. Bolus - silvery much-branched shrub, flowers pink; 8-9; rocky slopes and plateaus, , Nieuwoudtville to Clanwilliam.
microphylla E. Meyer - much-branched low shrub, to 700 mm, flowers pink; 10-11; Paarl, Stellenbosch.
myrtillifolia Willd. - silvery shrub, to 500 mm, flowers rosy; 8-11; mountain slopes, Paarl, Stellenbosch, Caledon.

orbicularis E. Meyer - (keurtjie); rounded shrub, to 600 mm, flowers mauve; 9-11; upper stony slopes, Genadendal.
pearsonii E. Phillips - shrub, 300-900 mm, flowers pink; 9; Gifberg.
reticulata Harvey - low shrub, 300-600 mm, flowers pink; 9; rocky slopes, Caledon.
sericea R. Br. - erect silvery-silky shrub, 500-900 mm, flowers pale pink; 5-8; flats and hillsides, Hopefield, Peninsula to Port Elizabeth (E Cape).
speciosa Ecklon & Zeyher - (ertjiebos, klapperbos); narrow-leafed straggling shrub, 300-600 mm, flowers magenta; 8-11; rocky slopes, Caledon, Bredasdorp.
tayloriana L. Bolus - tall shrub, 1-2 m, flowers yellow; 9; Swartberg Mts.

POLHILLIA 3 sp - S W Cape

pallens Stirton ined. - erect many-stemmed shrub, to 1 m, flowers pale yellow; 9-10; clay hills, Bredasdorp to Potberg.
waltersii (Stirton) Stirton ined. - erect shrub, to 600 mm, flowers yellow; 7-9; renosterveld, Worcester.
sp - silvery-green shrublet, flowers deep yellow; Saldanha (poorly known).

PRIESTLEYA 18 sp - S W Cape

angustifolia Ecklon & Zeyher - erect shrublet, 300-900 mm, flowers yellow; 10-3; damp slopes, Stellenbosch, Peninsula to Bredasdorp, Humansdorp?.
calycina L. Bolus - densely pubescent robust shrub, to 1 m, flowers yellow; 9-11; mountain slopes, Caledon.
capitata (Thunb.) DC. - shrub, 600-900 mm, flowers yellow; 8-9; upper slopes, Paarl, Caledon, Worcester?.
elliptica DC. - much-branched small-leafed silvery shrublet, 400-750 mm, flowers yellow; 10-12; upper slopes, Paarl, Stellenbosch, Caledon.
glauca T.M. Salter - erect grey silky-leafed shrublet, 300-600 mm, flowers yellow; 8-9; lower slopes, Paarl to Peninsula.
guthriei L. Bolus - pubescent branched dwarf shrub, flowers yellow; 7; Bredasdorp.
hirsuta (Thunb.) DC. - attractive robust shrub with mostly glabrous leaves, 1-3 m, flowers yellow; 9-12; mountain fynbos, George to Uitenhage.
laevigata (L.) Druce - stout glabrous-leafed shrub, 1-2 m, flowers yellow; 7-10; moist upper slopes, Ceres?, Stellenbosch, Peninsula, Caledon.
latifolia Benth. - shrub to 1 m, leaves becoming glabrous, flowers yellow; 9-3; Worcester, Paarl, Caledon.
leiocarpa Ecklon & Zeyher - smooth-leafed shrub or shrublet, to 1 m, flowers yellow; fruiting 9-11; Swellendam?, Worcester.
myrtifolia (Thunb.) DC. - sparingly branched shrub with glabrous leaves, 1-3 m, flowers yellow; 3-4; upper mountain slopes, Paarl, Stellenbosch.
sericea (L.) E. Meyer - (silver pea, vaalertjie); spreading silky-silvery shrublet, flowers yellow; 6-9; gravelly slopes, Malmesbury, Peninsula to Bredasdorp.
stokoei L. Bolus - erect shrublet, to 360 mm, flowers yellow; 8; Tulbagh, Paarl, Caledon.
tecta (Thunb.) DC. - spreading shrub with silky leaves, 300-900 mm, flowers yellow; 5-9; mountain fynbos, Clanwilliam, Tulbagh to Stellenbosch.
teres (Thunb.) DC. - erect shrublet, to 600 mm, flowers yellow; ?; Swellendam.
tomentosa (L.) Druce - (silver pea, vaalertjie); much-branched silvery-silky shrub, 600-900 mm, flowers yellow; 5-9; lower to middle slopes, Witteberg, Montagu, Peninsula.
umbellifera (Thunb.) DC. - woody shrublet with slightly pubescent leaves, 300-500 mm, flowers yellow; 11-2; mountain slopes, Cedarberg to Worcester, Swartberg, Piketberg, Stellenbosch?.

vestita (Thunb.) DC. - sparsely branched silvery shrub with concave leaves, 1-2 m, flowers yellow; 5-2; moist mountain slopes, Caledon.

PSORALEA ca 30 sp - southern Africa
(See also **Otholobium**)

aculeata L. - erect leafy shrub, to 1 m, flowers blue; 8-11; Stellenbosch, Peninsula, Caledon.
affinis Ecklon & Zeyher - tall slender tree, to 5 m, flowers blue; 9-10; Riversdale to Port Elizabeth (E Cape, Transvaal).
alata (Thunb.) T.M. Salter - trailing simple-leafed perennial with flattened stems, flowers blue; 12-2; flats and slopes, Peninsula, Knysna.
aphylla L. - (bloukeur, fonteinbos); erect or drooping nearly leafless shrub, 1-3 m, flowers blue; 10-2; marshy sites, Clanwilliam to Worcester, Peninsula to Riversdale.
asarina (Bergius) T.M. Salter - trailing perennial, 300-600 mm, leaves simple, flowers blue; 10-3; Ceres, Peninsula, Swellendam to Port Elizabeth (E Cape).
axillaris L. - (bloukeur); leafy shrub, to 2 m, flowers blue; 1-5; damp upper slopes, Tulbagh, Knysna to Port Elizabeth.
ensifolia (Houtt.) Merrill - (= **P. capitata** L.f.); rush-like perennial, 300-500 mm, flowers blue; 11-2; damp ground, Peninsula, Tulbagh to Montagu, Knysna to Port Elizabeth (E Cape).
glaucina Harvey - (blouteebosie); straggling shrublet, 300-600 mm, flowers white; 12-2; Cape Peninsula.
gueinzii Harvey - flexuose simple-leafed shrublet, 300-600 mm, flowers deep violet; 12; marshes, Stellenbosch.
imbricata (L.) T.M. Salter - soft trailing shrublet with simple leaves, 200-500 mm, flowers blue; 10-11; flats and slopes, Tulbagh, Peninsula, Caledon.
implexa Stirton - grass-like trailing perennial, flowers red or salmon; 2; rocky upper slopes, Worcester, rare.
keetii Schonl. - woody shrub, flowers blue; 2; upper mountain slopes, George, Knysna.
laxa T.M. Salter - trailing often matted perennial with simple leaves, 600-800 mm, flowers violet; 11-3; damp areas, Peninsula to Riversdale.
monophylla (L.) Stirton ined. - (= **P. cordata** (L.) T. M. Salter); trailing perennial with simple leaves, to 300 mm, flowers blue; ?; Paarl, Peninsula to Port Elizabeth (E Cape).
odoratissima Jacq. - (bloukeurboom); tree to 4 m, flowers pale blue or white; 10-11; Montagu.
oligophylla Ecklon & Zeyher - (bloukeur, swartstorm); tall slender shrub, to 2 m, upper leaves simple, flowers blue; 9-2; moist areas, Gifberg to Worcester, Riversdale to Port Elizabeth (E Cape).
oreophila Schltr. - low sprawling perennial, to 50 mm, flowers deep blue; 1; upper mountain slopes, Caledon.
pinnata L. - (fountain bush, bloukeur, penwortel); small tree with pinnate leaves, to 4 m, flowers blue; 1-12; wet sites, Clanwilliam to Port Elizabeth (E Cape to Transvaal).
repens L. - trailing perennial with fleshy leaves, flowers blue; 10-2; sand dunes and flats, Peninsula to Bredasdorp, Humansdorp to Port Elizabeth.
restioides Ecklon & Zeyher - slender rush-like trailing shrublet, 300-600 mm, flowers blue; 9-2; marshy areas, Peninsula to Mossel Bay.
tenuifolia L. - (= **P. fascicularis** DC.); straggling shrublet, 300-600 mm, flowers white or mauve with purple tips; 10-1; marshy places, Peninsula, Caledon.
tenuissima E. Meyer - slender trailing perennial, 300-600 mm, flowers blue; 12-3; upper slopes, Cedarberg to Worcester, Swartberg Mts.

trullata Stirton - tangled many-stemmed shrublet, to 300 mm, flowers purple to blue; 11-2; rocky upper slopes, Outeniqua to Cockscomb Mts.
verrucosa Willd. - (bloukeur); erect leafy shrub, 1-2 m, flowers blue; 10-1; moist areas, Riversdale, Oudtshoorn, George to Uitenhage.

RAFNIA 22 sp - mainly S W Cape, also E Cape to Natal

amplexicaulis Thunb. - (soethoutbossie); shrub with orbicular leaves, to 2 m, flowers yellow; 9-1; Gifberg to Tulbagh, Paarl, Caledon.
angulata Thunb. - narrow-leafed shrublet, 300-500 mm, flowers yellow; 9-4; flats and slopes, Peninsula, Paarl, Caledon, Swellendam? .
axillaris Thunb. - sparsely branched shrublet, 150-450 mm, flowers yellow; 11-12; Swellendam to Humansdorp (E Cape).
capensis (L.) Druce - erect or spreading shrublet, 300-450 mm, flowers yellow; 9-1; flats and slopes, Tulbagh to Peninsula, Caledon to Swellendam.
crassifolia Harvey - slender shrublet, 300-450 mm, flowers yellow; 11-2; Stellenbosch, Peninsula to Caledon.
crispa Stirton - herbaceous perennial, to 400 mm, flowers yellow; 11-12; sandy flats, Worcester.
cuneifolia Thunb. - variable grey shrub, to 1 m, flowers yellow; 10-2; Ceres, Tulbagh, Piketberg, Paarl, Caledon.
dichotoma Ecklon & Zeyher - stout shrublet, 450-600 mm, flowers yellow; 10-2; Cedarberg?, Caledon, Riversdale.
diffusa Thunb. - trailing shrublet, flowers yellow; 8-12; Gifberg to Ceres, Tulbagh, Malmesbury.
elliptica Thunb. - robust shrub, 300-900 mm, flowers yellow; 10-1; mountain slopes, Oudtshoorn, George to Port Elizabeth (E Cape to Natal).
ericifolia T.M. Salter - sprawling soft densely leafy shrublet with small leaves, flowers yellow; 12-3; Paarl.
fastigiata Ecklon & Zeyher - large-leafed shrub, to 450 mm, flowers yellow; 9-10; upper slopes, Swellendam.
humilis Ecklon & Zeyher - narrow-leafed spreading shrublet, 150-250 mm, flowers yellow; 10-11; sandy flats or lower slopes, Cape Peninsula.
lancea DC. - spreading shrublet, 150-300 mm, flowers yellow; 9-2; Clanwilliam, Tulbagh, Ceres, Paarl to Caledon.
ovata E. Meyer - large-leafed shrub, to 1 m, flowers yellow; 8-12; upper rocky slopes, Nieuwoudtville to Tulbagh, Stellenbosch.
perfoliata E. Meyer - (soethoutbossie); round-leafed spreading or prostrate shrublet, flowers yellow; 9-12; rocky slopes, Cedarberg, Tulbagh, Worcester, Paarl, Caledon.
racemosa Ecklon & Zeyher - shrub or shrublet, flowers yellow; 10-5; upper mountain slopes, Witteberg, Ladismith, Swellendam.
retroflexa Thunb. - slender, small-leafed shrublet, 300-450 mm, flowers yellow; 10-1; Swartberg Pass.
spicata Thunb. - many-stemmed slender shrublet, 300-400 mm, flowers yellow; 9-10; Ceres, Piketberg.
thunbergii Harvey - many-stemmed robust shrub with terminal compound spikes, to 1,5 m, flowers yellow; 11-12; Worcester.
triflora Thunb. - robust large-leafed shrub, 1-2 m, flowers yellow; 9-1; Peninsula, Caledon to Humansdorp.
virens E. Meyer - (?= **R. amplexicaulis** Thunb.); large shrub with orbicular leaves, flowers yellow; 12; Paarl.

RHYNCHOSIA ca 300 sp - cosmopolitan in warm regions
(= Chrysoscias)

angustifolia (Jacq.) DC. - woody vine with narrow leaflets, flowers yellow; 10; Caledon.
argentea (Thunb.) Harvey - (vaalertjie); woody vine with broad leaflets, white below, flowers yellow; ?; Knysna to Uitenhage (poorly known).
arida Stirton - deciduous shrub, to 1 m, flowers yellow; ?; Matsikamma and Gifberg Mts. (poorly known).
bullata Benth. ex Harvey - glandular sprawling shrublet, to 300 mm, flowers yellow; 4, 7, 11; drier slopes, Clanwilliam to Worcester (Namaqualand).
calycina E. Meyer - (blinkertjie); woody vine, flowers yellow; 9-12; Caledon to Humansdorp.
capensis (Burm. f.) Schinz. - prostrate or climbing perennial, to 1 m, flowers yellow; 9-1; Peninsula to Port Elizabeth (E Cape).
caribaea (Jacq.) DC. - prostrate or climbing perennial, flowers yellow; 4-12; coastal forest, George to Port Elizabeth (southern and tropical Africa).
chrysoscias Benth. ex Harvey - woody vine, flowers golden-yellow; 6-10; Bredasdorp, George to Port Elizabeth.
ciliata (Thunb.) Schinz - sprawling perennial, 100-300 mm, flowers yellow; 12-2; Riversdale, Humansdorp, Uitenhage (E Cape to Natal).
erecta Thunb. - woody vine, flowers yellow; 6-10; Clanwilliam?, Oudtshoorn, Bredasdorp, George, Knysna.
ferulifolia Benth. ex Harvey - slender trailing perennial with bipinnate leaves, 0,6-1 m, flowers yellow; 7-1; sandy flats, Piketberg, Peninsula to George.
harmsiana Schltr. ex Zahlbr. - slender vine, flowers yellow; ?; Knysna, Humansdorp (E Cape to Natal).
leucoscias Benth. ex Harvey - (blinkertjie); woody vine with narrow leaflets, white below, flowers yellow; 9-12; Caledon to Bredasdorp.
microscias Benth. ex Harvey - woody vine, flowers yellow; 6-8; George to Humansdorp.
parviflora E. Meyer - woody vine, flowers yellow; 6-8; George to Humansdorp.
pinnata Harvey - slender trailing perennial with pinnate leaves, flowers yellow; 9-10; sandy areas, Piketberg, Saldanha.
totta (Thunb.) DC. - slender trailing perennial, flowers yellow; 9-10; Humansdorp (E Cape to Transvaal, Namibia).
viscidula Steudel - erect or straggling shrublet, to 300 mm, flowers yellow; 8-11; Clanwilliam to Tulbagh (Namaqualand).

SUTHERLANDIA 5 sp - widespread in southern and S tropical Africa

frutescens (L.) R. Br. - (cancer bush, klappers, kankerbos); grey shrub with large inflated pods, 400-900 mm, flowers scarlet; 7-12; throughout S W and S Cape (dry parts of southern Africa).
microphylla Burchell ex DC. - (bitterblaar, grootgansiesbos) (resembles **S. frutescens**); pods narrow; Clanwilliam, Montagu (drier parts of south and tropical Africa).
tomentosa Ecklon & Zeyher - (eendjies, rooikeurtjie) (resembles **S. frutescens**); leaflets densely white-woolly; Peninsula to Riversdale.

TEPHROSIA ca 400 sp - pantropical and subtropical

capensis (Jacq.) Pers. - straggling shrublet, flowers rose-red; 7-4; Peninsula to Port Elizabeth (E Cape to Transvaal).

grandiflora (Aiton) Pers. - (rooi-ertjie); rigid shrub or shrublet, 0,3-1 m, flowers bright cerise; 1-12; Humansdorp to Port Elizabeth (E Cape to Natal).
stricta (L.f.) Pers. - erect shrublet, 300-600 mm, flowers purple; 9-10; Riversdale to Uitenhage.

TRIFOLIUM ca 300 sp - nearly worldwide but mainly north temperate

burchellianum Ser. - (wild clover, wildeklawer); creeping perennial, 300-600 mm, flowers purple; 10-2; Peninsula, Swellendam (Karoo, E Cape to Natal).
stipulaceum Thunb. - creeping annual or perennial, 200-300 mm, flowers pale pink; 10-11; Peninsula, Uitenhage, Port Elizabeth.

TRIGONELLA ca 100 sp - Old World

***hamosa** L. - (wildeklawer); trailing annual, flowers pale yellow; 7-8; sandy areas, Malmesbury (widespread in S Africa and introduced from N Africa).

VIGNA ca 100 sp - cosmopolitan in warm regions

debilis Fourc. - prostrate perennial, to 100 mm, flowers rose and white; 5, 10; grassland, Humansdorp.

VIRGILIA 2 sp - S W and S Cape

divaricata Adamson - tree to 6 m, flowers bright pink; 8-11; forest margins or streambanks, Ladismith, Mossel Bay to Port Elizabeth (E Cape).
oroboides (Bergius) T.M. Salter - (keurboom); tree to 10 m, flowers pale pink; 1-4; forest margins or streambanks, Peninsula to Mossel Bay.

WIBORGIA 10 sp - S W Cape, Namaqualand and W Karoo

fusca Thunb. - spreading or suberect shrub, 0,6-1,5 m, flowers greenish; 8-10; flats and lower slopes, Clanwilliam to Malmesbury (W Karoo, Namaqualand).
humilis (Thunb.) R. Dahlgren - spreading shrublet, to 350 mm, flowers yellow, brownish, or pink; 9-10; sandy soils, Nieuwoudtville to Gifberg.
leptoptera R. Dahlgren - erect rigid shrub or shrublet, 0,3-1,2 m, flowers pale yellow; 7-9; clay slopes, Cedarberg, Piketberg, Malmesbury.
monoptera E. Meyer - erect rigid shrub, 0,6-1 m, flowers pale yellow; 7-9; lower rocky slopes, Nieuwoudtville, Clanwilliam (Namaqualand).
mucronata (L.f.) Druce - spreading thorny shrub, 1-2 m, flowers pale yellow; 8-10; sandy lower slopes, Lokenburg, Clanwilliam to Paarl, Worcester to Ladismith, Swellendam (Namaqualand).
obcordata (Bergius) Thunb. - erect slender shrub, 1-3 m, flowers bright yellow; 8-10; flats or lower slopes, Gifberg to Peninsula, Caledon to Mossel Bay, Robertson (W Karoo).
sericea Thunb. - erect or spreading grey-leafed shrub, to 1,2 m, flowers pale yellow; 5-9; mid to upper alt., Lokenburg to Ceres, Witteberg (Namaqualand).
tenuifolia E. Meyer - much-branched erect shrub, 0,7-1,4 m, flowers rose or purplish; 9-11; Worcester, Ladismith, Bredasdorp to Riversdale.
tetraptera E. Meyer - erect branched shrub, 0,6-1,5 m, flowers cream or greenish; 9-11; mountain slopes, Lokenburg to Ceres, Piketberg to Stellenbosch.

ZORNIA ca 75 sp - mainly Brazil, 4 in southern Africa

capensis Pers. - slender, wiry sprawling perennial, flowers yellow; 11-12; grassland, Knysna to Humansdorp (E Cape to Transvaal).

FLACOURTIACEAE

DOVYALIS ca 30 sp - Africa, Ceylon
(= Doryalis)

rhamnoides (Burchell ex DC.) Harvey - (gewone suurbessie); shrub or small tree, to 7 m, with spines to 80 mm and edible red fruit; 1-2; flowers greenish; 6-9; coastal or inland forest, George to Port Elizabeth (E Cape to Transvaal).
rotundifolia (Thunb.) Harvey - (dune sourberry, duinesuurbessie); small tree, to 7 m, with spines to 80 mm and edible red fruit; 1-3; flowers greenish; 6-9; coastal dune forest, Humansdorp, Uitenhage.

KIGGELARIA 4 sp - tropical and southern Africa

africana L. - (wild peach, wildeperske); evergreen dioecious tree, 4-13 m, fruit round, seed red and black; 2-7; flowers yellowish; 9-12; forest margins and open rocky slopes, Clanwilliam to Port Elizabeth (Namaqualand, E Cape to tropical Africa).

PSEUDOSCOLOPIA 1 sp - S W Cape to Natal

polyantha Gilg - (false red pear, valsrooipeer); shrub or tree, 2-5 m, fruit round, brownish, flowers white; 10; Piketberg (Transkei, S Natal).

SCOLOPIA ca 45 sp - Old World tropics

mundii (Ecklon & Zeyher) Warb. - (red pear, rooipeer); small, often spiny tree, 3-10 m, fruit round, orange-yellow; 10-12; flowers greenish; 4-7; coastal forest, Peninsula to Port Elizabeth (E Cape to Transvaal).
zeyheri (Nees) Harvey - (thorn pear, doringpeer); spiny shrub or small tree, 5-10 m, fruit red; 7-9; flowers cream; 4-7; coastal scrub forest, Knysna to Port Elizabeth (E Cape to tropical Africa).

TRIMERIA 3 sp - S Cape to Zimbabwe

grandifolia (Hochst.) Warb. - (wild mulberry, wildemoerbei); large-leafed tree, 4-10 m, fruit small, yellow; 2-4; flowers greenish-cream; 11-2; coastal forest, George, Humansdorp (E Cape to S tropical Africa).
trinervis Harvey - (fynblaarwildemoerbei); shrub or tree, 1-5 m, fruit small, yellow; 6-10?; flowers greenish-white; 4-8; Knysna to Uitenhage (E Cape to Natal).

FRANKENIACEAE

FRANKENIA ca 80 sp - fairly cosmopolitan in saline habitats

pulverulenta L. - spreading much-branched annual or perennial, flowers lilac; 9-1; sea shore or salt pans, Clanwilliam to Port Elizabeth, Worcester (drier parts of southern Africa).

repens (Bergius) Fourc. - (sea heath, soutrankie); prostrate woody shrublet, flowers pink; 9-1; sea shore or salt pans, Clanwilliam, Peninsula to Port Elizabeth, Worcester (Namaqualand).

FUMARIACEAE

CYSTICAPNOS 1 sp - S Cape to Namaqualand

vesicarius (L.) Fedde - (klappertjies); soft annual vine with divided leaves, often ending in tendrils, fruits inflated, bladder-like, flowers pale pink and yellow; mainly 8-10; flats and lower slopes, Clanwilliam to Peninsula, Worcester, Caledon to Riversdale (Namaqualand).

DISCOCAPNOS 1 sp - S W and S Cape

mundii (Sprengel) Cham. & Schldl. - soft annual vine with divided leaves, often ending in tendrils, fruit 1-seeded, discoid, flowers pink with dark tips; 8-12; forest margins, Peninsula to Humansdorp.

FUMARIA ca 55 - Europe, Mediterranean to India, E Africa

***muralis** Sonder ex Koch - (= **F. officinalis** L.) (fumitory, duiwelskerwel); soft prostrate perennial, flowers purple; 1-12; widespread weed in S W Cape (worldwide, introduced from Europe).

PHACOCAPNOS 2 sp - S W to E Cape, Namaqualand

burmannii (Ecklon & Zeyher) Hutch. - soft climbing annual, leaves divided, often ending in tendrils, fruit many-seeded, flat, lance-shaped, flowers pink with darker tips; 8-10; Clanwilliam, Saldanha (S Namaqualand, W Karoo).
cracca (Cham. & Schldl.) Bernh. - as above; 9-11; Peninsula to Port Elizabeth (E Cape).

TRIGONOCAPNOS 1 sp - W Cape

curvipes Schltr. - soft trailing annual, fruit small, somewhat triangular, flowers magenta; 7-10; Clanwilliam, top of Botterkloof Pass.

GEISSOLOMACEAE

GEISSOLOMA 1 sp - S Cape

marginata (L.) Adr. Juss. - densely leafy shrub, 0,5-1 m, flowers rose; 6-9; upper mountain slopes, Langeberg Mts., Swellendam, Riversdale.

GENTIANACEAE

CHIRONIA ca 30 sp - Africa, Madagascar

arenaria E. Meyer - erect or spreading shrublet, to 250 mm, flowers pink; 12-1; sandy fynbos, Clanwilliam, Piketberg, Worcester?, Swellendam.
baccifera L. - (Christmas berry, aambeibossie, agdaegeneesbos); much-branched shrublet, 200-800 mm, fruit a red berry; 2-5; flowers pink; 11-2; sandy or rocky flats and slopes, widespread in S W Cape (to Natal, Namaqualand).

decumbens Levyns - creeping perennial with erect stems, 150-400 mm, flowers pink; 10-1; marshy coastal sites, Peninsula to Bredasdorp, George to Port Elizabeth (E Cape).
jasminoides L. - erect perennial, 300-800 mm, flowers magenta; 8-1; damp coastal areas, Paarl, Peninsula to Riversdale.
linoides L. - variable branched shrublet, 70-900 mm, flowers magenta; 10-1; sandy or marshy slopes, Lokenburg, Ceres, Worcester, Paarl, Peninsula to Bredasdorp, Oudtshoorn, George, Knysna (Namaqualand).
melampyrifolia Lam. - straggling sticky shrublet to 2 m, flowers magenta; 9-1; shady damp slopes, Caledon to Port Elizabeth (E Cape).
peduncularis Lindley - straggling large-leafed perennial, to 1 m, flowers pink; 10-12; riverine, Knysna to Port Elizabeth (E Cape).
serpyllifolia Lehm. - small-leafed much-branched shrublet, 200-500 mm, flowers bright pink; 12-1; damp areas, Humansdorp to Port Elizabeth (E Cape).
stokoei Verdoorn - stiff shrublet, 300-500 mm, flowers magenta; 9-10; upper mountain slopes, Caledon.
tetragona L.f. - sticky erect shrublet, 300-600 mm, flowers magenta; 10-1; coastal, Peninsula to Port Elizabeth (E Cape).

NYMPHOIDES ca 20 sp - cosmopolitan

indica (L.) Kuntze - (geelwateruintjie); aquatic perennial with floating orbicular leaves, flowers white or yellow; 12-2; permanent pools, Clanwilliam, Peninsula, Caledon, George to Port Elizabeth (Old World tropics).

ORPHIUM 1 sp - S W Cape

frutescens (L.) E. Meyer - robust shrublet, 450-800 mm, flowers deep pink, occ. white; 11-2; coastal often marshy areas, Clanwilliam to Peninsula, George.

SEBAEA ca 60 sp - mainly Africa, also Australasia

albens (L.f.) Roemer & Schultes - erect annual, branched above, 40-250 mm, flowers yellow or white; 8-11; damp, sandy flats, Clanwilliam to Peninsula, Bredasdorp to Riversdale.
ambigua Cham. - erect annual, branched above, 40-300 mm, flowers yellow; 9-12; damp flats, Peninsula, Bredasdorp.
aurea (L.f.) Roemer & Schultes - erect annual, branched above, 60-300 mm, flowers yellow or white; 10-12; sandy flats or lower slopes, Clanwilliam to Malmesbury, Peninsula to Humansdorp.
capitata Cham. & Schldl. - erect biennial or perennial, simple or branched below, 100-350 mm, flowers yellow; 10-1; upper slopes, Peninsula, Riversdale to Knysna.
elongata E. Meyer - tufted annual or biennial, 200-700 mm, flowers orange-yellow or yellow; 10-12; upper mountain slopes, Caledon, Swellendam to Humansdorp.
exacoides (L.) Schinz - (naeltjiesblom); simple or slightly branched annual, 50-300 mm, flowers large, yellow or cream; 8-10; flats and lower slopes, Gifberg, Lokenburg to Worcester, Tulbagh, Piketberg, Peninsula to Riversdale.
fourcadei Marais - slender erect annual, simple or branched from base, to 250 mm, flowers yellow; ?; coastal sand, Knysna to Humansdorp.
grisebachiana Schinz - annual, 50-150 mm, flowers bright yellow; 7-1; coastal grassland, Swellendam to Port Elizabeth (E Cape, Transkei).
laxa N.E. Br. - delicate annual branched from base, 100-250 mm, flowers yellow; 9-10; in shade, Swellendam, Riversdale.

macrophylla Gilg - erect or sprawling perennial, to 750 mm, flowers yellow; 6-12; mountain slopes in marshy areas, George to Uitenhage (E Cape to Transvaal).
membranacea Hill - slender erect annual, to 150 mm, flowers yellow; 12; Worcester (Namaqualand).
micrantha (Cham. & Schldl.) Schinz - erect annual, 30-200 mm, flowers yellow; 9-11; flats and slopes, Clanwilliam to Peninsula, Caledon, Knysna, Port Elizabeth.
minutiflora Schinz - erect annual, 50-200 mm, flowers white; 10-12; coastal flats, Peninsula to Riversdale, Humansdorp to Port Elizabeth (E Cape).
pusilla Ecklon ex Cham. - slender erect annual, 20-100 mm, flowers yellow; 9-12; rocky upper slopes, Gifberg, Lokenburg to Ceres, Paarl, Peninsula, Caledon.
rara Wolley-Dod - erect annual, to 150 mm, flowers yellow; 10; flats, Peninsula, Caledon, Riversdale (poorly known).
scabra Schinz - erect annual, 60-200 mm, flowers yellow; 9; flats, Peninsula, Swellendam, Riversdale.
schlechteri Schinz - slender erect annual, 40-120 mm, flowers yellow or white; 8-11; damp slopes, Paarl, Peninsula, Caledon.
stricta (E. Meyer) Gilg - slender perennial, 300-600 mm, flowers yellow; 3-10; lower to middle slopes, Riversdale to Knysna, Uitenhage (E Cape).
sulphurea Cham. & Schldl. - slender erect annual, 20-150 mm, flowers yellow; 9-11; lower mountain slopes, Peninsula to Riversdale.
zeyheri Schinz - slender erect annual, 50-200 mm, flowers yellow; 9-11; damp flats and slopes, Peninsula to Swellendam.

VILLARSIA ca 10 sp - mainly Australia, 1 in S W Cape

capensis (Houtt.) Merrill - creeping perennial with erect scapes, 200-700 mm, flowers yellow; 10-2; marshy slopes and plateaus, Worcester, Paarl, Ceres, Peninsula to Humansdorp.

GERANIACEAE

ERODIUM ca 50 sp - fairly cosmopolitan, mainly temperate

incarnatum (L.) L'Her. - tufted perennial, 90-200 mm, flowers salmon-pink; 9-12; stony hillsides, Caledon, Worcester, Robertson.
(the four introduced species not listed)

GERANIUM over 400 sp - cosmopolitan, mainly temperate

canescens L'Her. - sprawling perennial, 100-250 mm, leaves silver below, flowers pink or white; 9-10; Tulbagh to Peninsula (E Cape to Natal).
incanum Burm. f. - (horlosies, vrouebossie); sprawling perennial with silver much-divided leaves, 100-250 mm, flowers lilac to white; 8-11; coastal areas, Malmesbury, Peninsula to Port Elizabeth (E Cape to tropical Africa).
ornithopodum Ecklon & Zeyher - sprawling perennial, 300-600 mm, flowers white with mauve veins; 9-10; Peninsula (introduced?), Port Elizabeth (E Cape to tropical Africa).

MONSONIA ca 40 sp - Africa to India

emarginata (L.f.) L'Her. - (dysentery herb, geitabossie); branched, sprawling perennial or shrublet, 100-250 mm, flowers cream; 9-4; sand dunes or grassland, Swellendam to Port Elizabeth (Karoo, E Cape, Transkei).

speciosa L.f. - (butterfly flower, sambreeltjie, slangblom); tufted perennial, 150-300 mm, flowers large, cream, yellow or pink; 8-11; damp flats and slopes, Clanwilliam to Peninsula, Caledon.

PELARGONIUM ca 250 sp - Africa to Mediterranean, W Asia, Australia,

abrotanifolium (L.f.) Jacq. - (= **P. incisum** (Andrews) Willd.); much-branched woody shrub, to 1 m, flowers white, pink or mauve; 1-12; dry rocky slopes, Worcester to Uniondale, Swellendam to George (Karoo, N and E Cape, OFS).

acetosum (L.) L'Her. - (sorrel-leafed pelargonium); bushy shrublet, to 600 mm, flowers salmon-pink to white; 1-12; Uitenhage (E Cape).

adulterinum L'Her. - (= **P. riversdalense** Knuth); shrub or shrublet, 300-500 mm, flowers white or pink with dark blotch; 9-2; Tulbagh, Caledon to Riversdale.

alchemilloides (L.) L'Her. - (wildemalva); sprawling perennial, to 200 mm, flowers cream or pink; 1-12; Peninsula to Port Elizabeth (tropical Africa).

alpinum Ecklon & Zeyher - sprawling perennial or shrublet, flowers bright pink or salmon; 10-12; rocky upper slopes, Cedarberg to Tulbagh, Worcester.

alternans Wendland - stunted woody shrublet, to 400 mm, flowers white with orange anthers; 10-4; dry areas, Clanwilliam, Worcester, Ladismith (Karoo).

althaeoides (L.) L'Her. - tufted perennial, to 300 mm, flowers pink; 11; Uniondale (Karoo, Namaqualand, E Cape).

anethifolium (Ecklon & Zeyher) Harvey - (kaneelbol); tuberous perennial, leaves to 300 mm, flowers dull yellowish-purple; 8-10; Tulbagh, Piketberg to Peninsula, Worcester.

angustifolium (Thunb.) DC. - tuberous perennial, leaves to 70 mm, flowers white; 12-1; Malmesbury, Peninsula, Bredasdorp, Worcester.

antidysentericum (Ecklon & Zeyher) Kostel - (rooistormwortel, namiewortel, rabas); much-branched shrub to 1,5 m, flowers purplish; 3-5; arid areas, Nieuwoudtville (W Karoo to Namaqualand).

appendiculatum (L.f.) Willd. - tuberous perennial with silky leaves, 150-250 mm, flowers cream with red spots; 7-10; Clanwilliam, Worcester.

aridum R.A. Dyer - (katbossie, klipteebossie); tuberous perennial, 100-250 mm incl. scapes, flowers yellow with red streaks; 8-11; karroid areas, Clanwilliam, Malmesbury, Uniondale (E Cape).

artemisiifolium DC. - shrublet woody below, 150-200 mm, flowers white or pink with red markings; 11-2; mountain slopes, Caledon to Swellendam.

articulatum (Cav.) Willd. - tufted perennial with underground rhizome, flowers cream, anthers orange; 10-12; karroid areas, Worcester (Karoo, Namaqualand).

asarifolium (Sweet) G. Don - tuberous tufted perennial, scapes to 250 mm, flowers dark red, with two petals; 12-6; lower slopes, Piketberg to Stellenbosch, Worcester.

auritum (L.) Willd. - (= **P. hirsutum** (Burm. f.) Sol., **P. georgense** Knuth); tuberous hairy-leafed perennial, 80-200 mm, flowers nearly black or pink; 9-12; stony hills, Tulbagh, Peninsula to Port Elizabeth (E Cape).

betulinum (L.) L'Her. - (maagpynbossie, kanferbiaar); erect or sprawling shrub, 0,3-1,2 m, flowers pink, occ. white; 8-10; coastal areas, Malmesbury, Peninsula to Knysna.

caespitosum Turcz. - tufted shrublet with silvery leaves, flowers dark pink or purple; 12-1; mid to upper slopes, Clanwilliam.

caffrum (Ecklon & Zeyher) Harvey - deciduous tuberous perennial, 300-450 mm incl. scapes, flowers yellow to purple; 10-3; grassy lower slopes, Knysna to Uitenhage (E Cape).

caledonicum L. Bolus - tuberous perennial, 350-600 mm incl. scapes, flowers pale pink with red markings; 12-2; Caledon.

campestre (Ecklon & Zeyher) Harvey - tuberous perennial, 100-150 mm incl. scape, flowers pink; 9; flats and middle slopes, Cedarberg?, Uitenhage.

candicans Sprengel - (= **P. canariense** Willd.); sprawling shrublet, to 300 mm, flowers white or pale pink; 1-12; lower slopes, Ceres to Paarl, Peninsula to Plettenberg Bay, Worcester.

capillare (Cav.) Willd. - low shrublet, 70-200 mm, flowers deep pink; 8-1; upper mountain slopes, Tulbagh, Ceres, Hex River Mts.

capitatum (L.) L'Her. - (rose-scented pelargonium); sprawling soft-textured shrublet, 0,2-1,2 m, flowers pink; 1-12; coastal areas, Saldanha, Peninsula to Port Elizabeth (E Cape to Zululand, western Australia).

carneum Jacq. - tuberous perennial with hysteranthous leaves, scapes to 250 mm, flowers cream with red stripes; 11-4; lower slopes, Caledon to Swellendam, Humansdorp, Uniondale.

carnosum (L.) L'Her. - (= **P. ferulaceum** (Burm. f.) Willd.); succulent branching shrublet, to over 1 m, flowers cream; 1-3; karroid areas, Clanwilliam to Stellenbosch, George, Uitenhage (Karoo, E Cape, Namibia).

chamaedryfolium Jacq. - spreading annual or perennial, 100-300 mm, flowers pink with red markings; 8-1; flats and slopes, Clanwilliam to Peninsula, Caledon.

citronellum Van der Walt - much-branched lemon-scented shrub, to 2 m, flowers pink to purple; 7-1; foothills of Langeberg and Swartberg Mts., Ladismith.

columbinum Jacq. - slender red-stemmed spreading annual, to 400 mm, flowers magenta; 9-1; flats and lower slopes, Bredasdorp, Uniondale.

cordifolium (Cav.) Curtis - (= P. **cordatum** L'Her.) (heart-leafed pelargonium); shrub to over 1 m, leaves white below, flowers pink with purple veins; 6-1; forest margins, Bredasdorp to Port Elizabeth (E Cape).

coronopifolium Jacq. - erect tufted shrublet, 60-400 mm, flowers magenta; 9-3; dry lower slopes, Lokenburg, Gifberg, Cedarberg, Ceres.

crassipes Harvey - tufted shrublet, 150-300 mm, stem with persistent leaf-bases, flowers pink; 7-9; Clanwilliam (S Namaqualand).

crispum (L.) L'Her. - (resembles P. **hermanniifolium**); leafy shrub to 1 m, flowers pink; 9-10; lower slopes, Worcester to Montagu, Hex River and Witteberg Mts. (Karoo).

crithmifolium Smith - (jakopregopbos); succulent shrublet with persistent branched flower stalks, 200-500 mm, flowers white with red markings; 5-10; rocky outcrops, Clanwilliam, Worcester (Karoo, Namaqualand, Namibia).

cucullatum (L.) L'Her. - (incl. P. **angulosum** (Miller) L'Her., **P. acerifolium** L'Her.) (wildemalva); robust soft shrub, to 2 m, flowers magenta, occ. white; 9-2; coastal flats and lower slopes, Saldanha, Peninsula to Bredasdorp.

dasyphyllum E. Meyer ex Knuth - succulent shrublet, to 200 mm, flowers white with scarlet anthers; 8-12; arid areas, Clanwilliam (Namaqualand).

denticulatum Jacq. - erect shrub, to 2 m, flowers purple with magenta markings; 4-11; streamsides, Mossel Bay to Knysna.

dichondrifolium DC. - tufted shrublet, 100-300 mm incl. scapes, flowers pink; 11-7; arid areas, Humansdorp to Port Elizabeth.

dipetalum L'Her. - tuberous perennial, 100-150 mm incl. scapes, flowers pink, with two petals; 1-3; Caledon, Knysna.

echinatum Curtis - (cabouti); erect shrublet, to 600 mm, stem with recurved spines, flowers white, pink or purple with red markings; 7-11; dry stony slopes, Clanwilliam (Namaqualand).

elegans (Andrews) Willd. - tufted shrublet, flowers pink or lilac with purple markings; 9-1; coastal dunes and flats, Caledon, Bredasdorp, Humansdorp?.

ellaphieae E.M. Marais - tuberous tufted perennial, scapes to 120 mm, flowers wine-red, with two petals; 11-2; sandy flats and lower slopes, Citrusdal, Peninsula.

elongatum (Cav.) Salisb. - multi-stemmed perennial, to 300 mm, flowers cream, occ. pink; 7-11; flats and lower slopes, Clanwilliam to Peninsula, Caledon.
englerianum Knuth - shrub to 1 m, flowers white or pink; 12; upper mountain slopes, Cedarberg, Swartberg Mts.
ensatum (Thunb.) DC. - tuberous perennial, to 200 mm incl. scapes, flowers white; 12; Piketberg, George.
exstipulatum (Cav.) L'Her. - much-branched woody shrublet, to 1 m, flowers pink with magenta markings; 6-12; Little Karoo, Uniondale.
fergusoniae L. Bolus - tuberous perennial, 50-100 mm incl. scapes, flowers yellowish; 11-1; flats, Malmesbury, Caledon to Riversdale.
filicaule Knuth - slender annual, flowers small, pale pink; 10; Uitenhage.
fragile (Andrews) Willd. - (= **P. tripartitum** Willd.); scrambling shrublet with brittle flexuose stems, to 1 m, flowers cream with reddish markings; 9-1; dry slopes, Worcester, Swartberg Mts., George to Port Elizabeth (E Cape, Transvaal?).
fruticosum (Cav.) Willd. - (= **P. divaricatum** (Thunb.) DC.); erect or prostrate shrublet, to 1 m, flowers white or pink with magenta markings; 1-12; flats and mountains, Ladismith, Swellendam, Uniondale (E Cape).
fulgidum (L.) L'Her. - (malva); soft pubescent shrub, 1-2 m, flowers scarlet; 6-11; coastal sand or rocks, Clanwilliam to Malmesbury (Namaqualand).
gibbosum (L.) L'Her. - (wildemalva); scrambling shrub, woody below, 0,3-2 m, flowers dull yellow; 11-4; coastal sand and rocks, Saldanha to Peninsula (Namaqualand).
glaucum (L.f.) L'Her. - erect shrublet with jointed stems and blue-green leaves, to 300 mm, flowers white to pale yellow with red markings; 1-12; karroid areas, Worcester.
glutinosum (Jacq.) L'Her. - shrub to 1 m, flowers pink; 11-2; Hex River Mts., Oudtshoorn, Montagu (Karoo).
gracilipes Knuth - tuberous perennial, to 60 mm incl. scapes, flowers cream; 4, 10; lower mountain slopes, Clanwilliam.
grandiflorum (Andrews) Willd. - erect or straggling shrublet, to 750 mm, flowers pink or cream with purplish markings; 10-3; mountain slopes, Nieuwoudtville, Gifberg to Tulbagh.
graveolens L'Her. - (wildemalva); much-branched soft or woody shrub, to 1 m, flowers magenta; 8-1; Swartberg Mts. to George, Uniondale (E Cape).
grossularioides (L.) L'Her. - (rooirabas, rooistingelhoutbas); spreading annual or perennial?, to 200 mm, flowers small, pink to magenta; 1-12; damp areas, Tulbagh, Peninsula to Port Elizabeth (to S tropical Africa, widespread weed).
harveyanum Schltr. ex Knuth - sprawling perennial, to 350 mm, flowers red; 10-12; lower mountain slopes, Caledon to Swellendam.
heracleifolium Lodd. - tuberous tufted perennial, 200-700 mm incl. scapes, flowers cream or pinkish; 9-12; lower slopes, Clanwilliam, Worcester, Robertson, Malmesbury, Peninsula?, Knysna, Humansdorp.
hermanniifolium (Bergius) Jacq. - erect densely leafed shrub, to 1 m, flowers pink, occ. white; 9-4; upper slopes, Worcester, Caledon, Swellendam.
heterophyllum Jacq. - tuberous perennial, to 100 mm incl. scapes, flowers pink with purple markings; 11-4; flats, Malmesbury, Tulbagh.
hirtum (Burm. f.) Jacq. - (resembles P. **oreophilum** Schltr.); bushy shrub, to 1 m, flowers pink or magenta; 7-11; flats and lower slopes, Saldanha to Peninsula.
hispidum (L.f.) Willd. - (grofharige pelargonium); soft erect shrub, to over 2 m, flowers pink with darker markings; 9-4; near mountain streams, Piketberg to Paarl, Worcester, Swartberg Mts.
hystrix Harvey - succulent spiny-stemmed shrublet, flowers cream with red markings; 10-11; clay soil, Worcester (Karoo).

incrassatum (Andrews) Sims - (Namaqualand beauty); tuberous tufted perennial, to 200 mm incl. scapes, flowers cerise or magenta; 8-9; rocky flats and lower slopes, Clanwilliam (Namaqualand).

iocastum (Ecklon & Zeyher) Steudel - erect or straggling annual or perennial, flowers magenta; 9-1; shady upper slopes, Tulbagh to Peninsula (W Karoo?).

karooicum Compton & P. Barnes - shrublet with angular and often leafless stems, to 200 mm, flowers cream to yellow; 2-4; karroid areas, Clanwilliam, Worcester (Karoo).

laevigatum (L.f.) Willd. - erect or prostrate shrublet, to 1 m, flowers white, cream or pink with magenta markings; 1-12; Ladismith to Humansdorp (E Cape).

leipoldtii Knuth - tuberous tufted perennial, to 80 mm incl. scapes, flowers white or dull red, with two petals; 8-10; dry rocky flats, Nieuwoudtville to Clanwilliam (Karoo, Namaqualand).

leptum L. Bolus - tuberous perennial with divided leaves, to 250 mm, scapes to 150 mm, flowers pale pink; 1-2; Durbanville.

lobatum (Burm. f.) L'Her. - (aandblom, kaneelbol); tuberous tufted perennial, to 70 mm incl. scapes, flowers almost black; 9-11; sandy flats and lower slopes, Piketberg, Peninsula to Humansdorp.

longicaule Jacq. - (resembles **P. myrrhifolium**); flowers large, pink or white; 10; Gifberg to Peninsula, Caledon to Albertinia.

longifolium (Burm. f.) Jacq. - (= **P. barbatum** Jacq.); tuberous tufted perennial, to 100 mm incl. scapes, flowers white, pink or yellow with magenta markings; 1-12; widespread, Nieuwoudtville to Port Elizabeth.

luteolum N.E. Br. - tuberous tufted perennial, leaves and scapes to 140 mm, flowers pale yellow with dark markings; 1-5; karroid areas, Worcester to Mossel Bay (S Namaqualand).

magenteum Van der Walt - (= **P. rhodanthum** Schltr.); erect woody shrub, to 1 m, flowers bright magenta with darker blotches; 7-9; rocky mountain slopes, Clanwilliam, Witteberg (W Karoo, Namaqualand).

moniliforme E. Meyer ex Harvey - tuberous tufted perennial, to 200 mm incl. scapes, flowers cream with maroon markings; 9-10; dry flats, Nieuwoudtville (S Namaqualand, Karoo).

multicaule Jacq. - sprawling shrublet, to 300 mm, flowers magenta; mainly 10-12; flats and mountains, Worcester to Port Elizabeth (E Cape to Lesotho).

multiradiatum Wendland - tuberous branched perennial, to 600 mm, flowers dull yellow with dark purple centre; 12-1; sandy flats, Cape Peninsula.

myrrhifolium (L.) L'Her. - perennial with large prostrate dissected leaves, to 400 mm, flowers white or pink with dark red markings; 1-12; sandy slopes and flats, Cedarberg to Port Elizabeth (Namaqualand?, E Cape).

nivenii Harvey - tuberous tufted perennial, to 250 mm incl. branched scapes, flowers pink, with two petals; 3-5; lower mountain slopes, Caledon.

odoratissimum (L.) L'Her. - prostrate shrublet, scapes to 600 mm, flowers white with crimson markings; 6-11; forest margins, Humansdorp to Port Elizabeth (E Cape to Natal).

oenothera (L.f.) Jacq. - erect or prostrate shrublet, to 300 mm, flowers pink or lilac; 9-12; coastal flats to upper slopes, Clanwilliam to Paarl.

oreophilum Schltr. - sparsely-branched shrublet with persistent stipules, to 300 mm, flowers pink or magenta; 8-10; dry mountain slopes and plateaus, Nieuwoudtville to Cedarberg Mts.

ovale (Burm.f.) L'Her. - tufted shrublet with grey-green leaves, to 300 mm, flowers pink with magenta markings; 1-12; mountain slopes, Ceres, Worcester to Witteberg, Swartberg Mts. to Humansdorp, Paarl to Swellendam.

oxaloides (Burm.f.) Willd. - tuberous tufted perennial, to 100 mm incl. scapes, flowers magenta; 9; Worcester.

panduriforme Ecklon & Zeyher - soft pubescent shrub, to 1 m, flowers rose with magenta markings; 11-4; George to Humansdorp (Transkei?).

papilionaceum (L.) L'Her. - (rambossie); much-branched soft shrub, to 2 m, flowers pink to carmine with dark blotch; 9-1; forest margins or streamsides, Stellenbosch to Swellendam (E Cape).

parvulum DC. - low tufted annual, spreading to 200 mm, flowers magenta or pink; 9; among rocks, Gifberg, Paarl, Malmesbury (W Karoo, Namaqualand).

patulum Jacq. - trailing shrublet, flowers pink; 1-12; shaded mountain slopes, Cedarberg to Paarl, Peninsula to Swellendam.

peltatum (L.) L'Her. - (= **P. lateripes** auct.) (kolsuring); trailing or scrambling perennial, to 2 m, flowers shades of pink and lilac; 1-12; coastal bush, Paarl to Port Elizabeth (E Cape).

pillansii T.M. Salter - tuberous tufted perennial with hysteranthous leaves, to 150 mm incl. scapes, flowers cream; 4-5; Cape Peninsula.

pinnatum (L.) L'Her. - tuberous tufted perennial with variably divided leaves, flowers white, yellow, pink or salmon with dark markings; 9-4; flats to middle slopes, Ceres to Paarl, Peninsula to Albertinia.

plurisectum T.M. Salter - shrublet with slender woody stems, to 300 mm, flowers yellow to pinkish with darker lines; 11; Stellenbosch, Peninsula to Bredasdorp.

praemorsum (Andrews) A. Dietr. - (= **P. quinatum** Sims); shrub to 1 m, flowers cream with reddish markings; 8-4; dry rocky areas, Clanwilliam (Namaqualand).

procumbens (Andrews) Pers. - trailing annual or perennial, to 300 mm, flowers carmine; 11-12; streamsides, Knysna, Port Elizabeth (E Cape to Natal).

pulcherrimum F.M. Leighton - tuberous, tufted perennial, to 150 mm incl. scapes, flowers pink with red markings; 7-11; flats, Worcester.

pulverulentum Colv. ex Sweet - tuberous perennial, to 500 mm incl. scapes, flowers pale yellow, often with purple-brown markings; 9-2; grassland, Uitenhage, Port Elizabeth (E Cape to Natal).

punctatum (Andrews) Willd. - tuberous tufted perennial, to 90 mm incl. scapes, flowers pale yellow with red dots; 10-11; rocky hills, Nieuwoudtville to Clanwilliam (W Karoo).

quercifolium (L.f.) L'Her. - (muishondbos); soft shrub, to 1 m, flowers pink with darker markings; 9-12; riversides, George to Port Elizabeth (E Cape).

radens H. Moore - (= **P. radula** (Cav.) L'Her.); soft shrub, to 1 m, flowers lilac; 8-12; sheltered valleys, Barrydale to Port Elizabeth (E Cape, Transkei).

radulifolium (Ecklon & Zeyher) Steudel - (kaneelaandblom); tuberous tufted perennial, scapes to 250 mm, flowers dull yellow-brown; 10-1; riverine areas, George to Uitenhage (E Cape).

rapaceum (L.) L'Her. - (bergaartappel, norretjie); tuberous tufted perennial, scapes to 150 mm, flowers pink or yellow with red markings; 11-1; flats and lower slopes, Nieuwoudtville to Peninsula, Worcester to Swellendam, Uniondale (Karoo, Namaqualand, E Cape).

reniforme Curtis - (rooirabas); tuberous erect shrublet, flowers pink or magenta with darker markings; 1-12; dry flats or grassland, Knysna to Port Elizabeth (E Cape, Transkei).

revolutum (Andrews) Pers. - tuberous tufted perennial, scapes 30-200 mm, flowers pink with red markings; 9-2; flats and lower slopes, Clanwilliam to Malmesbury (Peninsula, extinct?), Caledon?.

ribifolium Jacq. - soft shrub, to 2 m, flowers white, often with fine purple lines; 1-12; moist slopes, Swartberg Mts., Humansdorp to Port Elizabeth (E Cape).

scabroide Knuth - fairly woody shrublet, to 1 m, flowers pale pink with magenta markings; 10-4; mountain slopes, Clanwilliam to Worcester, Tulbagh, Peninsula.

scabrum (Burm. f.) L'Her. - fairly woody scabrid shrub, to 2 m, flowers white, pink or mauve with darker markings; 5-1; throughout S W Cape (Namaqualand).

schizopetalum Sweet - (muishondbos); tuberous tufted perennial, scapes to 500 mm, flowers with divided petals, pale yellow or purplish; 10-2; grassland, Humansdorp, Uitenhage (E Cape, Transkei).

senecioides L'Her. - sprawling annual, flowers white with red markings; 10-12; flats and plateaus, Clanwilliam, Worcester, Hex River, Stellenbosch (S Namaqualand).

setosiusculum Knuth - dwarf tufted annual, flowers violet-purple; 9; Malmesbury, Worcester.

setulosum Turcz. - (= **P. cardiophyllum** Harvey); tufted or sprawling slender-stemmed perennial, flowers white or pale pink with red blotch; 9-1; mountain slopes, Caledon to Robertson.

stipulaceum (L.f.) Willd. - (= **P. ovatostipulatum** Knuth); low shrublet, scapes to 200 mm, flowers cream, occ. white, often with pale markings; 9-11; rock crevices, Clanwilliam (Karoo, Namaqualand).

sublignosum Knuth - shrub to 1 m, flowers magenta; 1-3; lower slopes, Clanwilliam, Ceres, Piketberg.

suburbanum Cliff. - (= **P. urbanum** (Ecklon & Zeyher) Harvey); sprawling shrublet, to 300 mm, flowers cream or pale pink with red markings; 10-1; coastal areas, Malmesbury to Riversdale, Uniondale to Port Elizabeth.

sulphureum Knuth - tuberous tufted perennial with hysteranthous leaves, scapes to 100 mm, flowers cream with red markings; 9-10; lower shale slopes, Clanwilliam?, Worcester, Hex River Mts. (Karoo).

tabulare (Burm. f.) L'Her. - (= **P. saniculifolium** Willd.); slender perennial to 500 mm, flowers pink with red markings; 8-3; lower slopes, Ceres to Peninsula.

ternatum (L.f.) Jacq. - (resembles **P. fruticosum**); much-branched shrublet, to 600 mm, flowers white or pink with magenta markings; 4-1; coastal or inland lower slopes, Montagu to Riversdale.

ternifolium Vorster - (= **P. trifoliatum** Harvey); tuberous tufted perennial, scapes to 130 mm, flowers pink or white with purple markings; 8-4; flats and slopes, Paarl, Stellenbosch, Darling.

tetragonum (L.f.) L'Her. - sprawling succulent-stemmed nearly leafless shrublet, to 2 m, flowers cream or pale pink with maroon markings; 9-12; karroid areas, Worcester, Caledon to Swellendam, George to Uitenhage (Karoo, E Cape).

tomentosum Jacq. - sprawling shrublet, to 50 mm, flowers white with purple markings; 10-1; forest margins and streamsides, Caledon to Riversdale.

tricolor Curtis - (= **P. violareum** Jacq.); somewhat tufted shrublet, to 200 mm, flowers white with two red petals; 9-12; dry mid to upper slopes, Swartberg Mts. to Humansdorp.

triste (L.) L'Her. - (= **P. flavum** (L.) Aiton) (kaneeltjie, naelblom); variable tuberous perennial with feathery leaves, 200-600 mm, flowers dull yellow-green and purple; 8-2; sandy flats and lower slopes, Clanwilliam to Paarl, Peninsula to Riversdale, Uniondale (Namaqualand).

vitifolium (L.) L'Her. - soft shrub, to 1 m, flowers pink with purple stripes; 8-12; shady areas or streamsides, Paarl, Peninsula to Humansdorp (E Cape to Natal).

zonale (L.) L'Her. - (wildemalva); erect or scrambling soft woody shrub, 1-3 m, flowers pink, occ. red or white; 1-12; forest margins or rocky lower slopes, Piketberg to Paarl, Worcester to Port Elizabeth (E Cape to Natal).

SARCOCAULON 14 sp - widespread in southern Africa

crassicaule Rehm. - (candlebush, boesmansdoring, kersbos); rigid spiny shrublet, to 500 mm, flowers pale yellow; 1-12; often among dolerite boulders, Ceres, Worcester to Oudtshoorn (Karoo to Namibia).

salmoniflorum Moffett - (bushman's candle, klein kersbossie); erect or sprawling, rigid spiny shrublet, to 400 mm, flowers salmon or orange; 9-5; varied habitats, Ceres, Montagu to Oudtshoorn (N Cape, Karoo, Namaqualand, Namibia).

GESNERIACEAE

CHARADROPHILA 1 sp - S W Cape

capensis Marloth - (wild gloxinia); pubescent tufted perennial, 50-100 mm, flowers mauve; 9-11; damp shady lower slopes, Stellenbosch, Caledon.

STREPTOCARPUS ca 120 sp - Africa and Madagascar

meyeri B.L. Burtt - rosulate perennial with slender scapes to 300 mm, flowers with deep lilac tube and white petals; 1-4; shady rocks, Baviaanskloof Mts. (Karoo, E Cape, Transvaal).

rexii (Hook.) Lindley - (gloxinia, twin sisters); perennial with long basal leaves, scapes 100-200 mm, flowers shades of violet, occ. white; 10-4; damp forest and streamsides, George to Uitenhage (E Cape to Natal).

GOODENIACEAE

SCAEVOLA ca 130 sp - mainly Australia, two in southern Africa

thunbergii Ecklon & Zeyher - (seeplakkie); robust sprawling succulent shrublet, flowers whitish; 11-4; coastal sand dunes, Agulhas, Swellendam to Port Elizabeth (E Cape to Natal).

GRUBBIACEAE

GRUBBIA 3 sp - S W and S Cape

rosmarinifolia Bergius - (skilpadbos); much-branched woody ericoid shrub, to 1,5 m, flowers woolly, white; 8-11; marshy slopes, Cedarberg to Paarl, Peninsula to Uniondale.

rourkei Carlq. - much-branched silvery shrub to 2 m, flowers crimson; 9-3; moist slopes, Caledon.

tomentosa (Thunb.) Harms - (koolhout); much-branched shrub, 0,6-1,2 m, flowers pinkish-green; 12-1; rocky mountain slopes, Ceres, Paarl, Peninsula to George.

GUNNERACEAE

GUNNERA ca 50 sp - Africa, Malaysia, Australasia, S America

perpensa L. - (river pumpkin, wilderamenas, wildepampoen); large-leafed prostrate perennial, 200-500 mm, flowers in spikes, small, greenish; 10-1; marshes, Ceres to Paarl, Peninsula to Port Elizabeth (widespread in southern Africa).

HALORAGIDACEAE

LAUREMBERGIA ca 22 sp - widespread, tropics and subtropics

repens Bergius - prostrate monoecious leafy perennial, stems to 400 mm, flowers pink; 11-4; boggy places, widespread in S W Cape (throughout southern Africa).

MYRIOPHYLLUM ca 45 sp - cosmopolitan

spicatum L. - (often confused with the exotic **M. aquaticum** (Vell.) Verdc.); submerged feathery-leafed perennial, flowers yellow; 9-2; streams and pools, Piketberg to Peninsula, Montagu, Port Elizabeth (Transvaal, Natal).

HAMAMELIDACEAE

TRICHOCLADUS ca 6 sp - southern and tropical Africa

crinitus (Thunb.) Pers. - (black witch-hazel, swarttowerhaselaar); shrub or tree with villous leaves, 3-4 m, flowers cream; 10-2; coastal forest, Swellendam to Port Elizabeth (E Cape to Natal).

HYDNORACEAE

HYDNORA ca 15 sp - Africa, Madagascar

africana Thunb. - (bobbejaankos, jakkalskos); leafless brownish parasite, often on **Euphorbia** sp, flowers salmon, brown on reverse; 6-10; Clanwilliam to Peninsula, Worcester to Oudtshoorn (E Cape, Namaqualand, Namibia).

HYPERICACEAE

(See **Clusiaceae**)

ICACINACEAE

APODYTES ca 20 sp - mainly Africa, Old World tropics

dimidiata E. Meyer ex Arn. - (white pear, witpeer); shrub or tree with glossy dark leaves, 4-20 m, fruit reniform, black and scarlet; flowers white; 11-1; bush, forest and mountain slopes, Peninsula to Port Elizabeth (to tropical Africa).

CASSINOPSIS 4 sp - Africa and Madagascar

ilicifolia (Hochst.) Kuntze - (lemon thorn, lemoendoring); spiny scrambling shrub or tree, to 5 m, fruit orange; flowers white; 9-11; damp forests, Swellendam to Knysna (E Cape to tropical Africa).

PYRENACANTHA ca 30 sp - Africa

scandens Planchon ex Harvey - (blouboktoutjie); climbing shrub, flowers greenish, small; 9; coastal forest, Swellendam, Knysna (E Cape to tropical Africa).

ILLECEBRACEAE

CORRIGIOLA ca 10 sp - cosmopolitan

capensis (L.) Willd. - (= **C. littoralis** L.); yellowish-green prostate annual, flowers white; 1-12; Clanwilliam to Peninsula (southern Africa, cosmopolitan).

telephiifolia Pourret - blue-green prostrate perennial, flowers greenish; 9-10; disturbed areas, Peninsula, Caledon (Europe, N Africa).

HERNIARIA ca 20 sp - Africa, Europe, India

arenicola Adamson - prostrate perennial, flowers greenish; 10-11; usually coastal sand, Ceres, Peninsula to Bredasdorp (Karoo, N Cape, OFS, Transvaal, tropical Africa).

POLLICHIA 1 sp - Africa to Arabia

campestris Sol. - (waxberry, aarbossie, suikerteebossie); straggling shrublet, 200-600 mm, flowers and berries white; 1-12; Oudtshoorn, Swellendam to Port Elizabeth (Karoo, Namibia, E Cape to tropical Africa).

SCLERANTHUS ca 10 sp - cosmopolitan, mainly Old World

annuus L. - (knawel); much-branched spreading annual, 20-100 mm, flowers green; 8-11; Clanwilliam, Tulbagh, Ceres to Peninsula, Caledon (Karoo, E Cape, tropical Africa, Europe, N America).

LAMIACEAE

BALLOTA 35 sp - Mediterranean, Eurasia, 1 in S Africa

africana (L.) Benth. - (kattekruie); pubescent shrubby perennial, to 1,5 m, flowers in round clusters, purple; 5-11; rocky flats and lower slopes, widespread, Nieuwoudtville to Peninsula, Caledon (Karoo, Namaqualand).

CEDRONELLA 1 sp - cosmopolitan

***canariensis** (L.) Webb. & Benth. - (balm of Gilead); erect perennial, to 2,5 m, flowers purplish; 11-1; forest streams, Peninsula to Caledon.

LEONOTIS 30 sp - Africa, Asia, America

leonitis (L.) R. Br. - (lion's ear, klipdagga); shrub to 2 m, flowers velvet, orange; 3-5; grassland, Swellendam to Port Elizabeth (E Cape, Transkei).
oxymifolia (Burm. f.) Iwarsson ined. - (= **L. leonurus** (L.) R. Br.) (minaret flower, wild dagga, duiwelstabak); shrub to over 2 m, flowers velvet, orange; 11-7; Paarl and Peninsula to Port Elizabeth (E Cape to Transvaal).

LEUCAS ca 150 sp - tropical and subtropical
(incl. **Lasiocorys**)

capensis (Benth.) Engl. - slender branched shrub, to 1,5 m, flowers white, anthers red; 10-1; karroid hills, Oudtshoorn, Uitenhage (E Cape to S tropical Africa).

MENTHA ca 25 sp - pantemperate

aquatica L. - (water mint, kruisement); rhizomatous perennial, to 400 mm, flowers small, pale to dark mauve; mainly 2-5; marshes and wet sites, Clanwilliam to Peninsula, Caledon, Knysna (southern and tropical Africa, Europe, Asia).
longifolia (L.) Huds. - (balderjan, kruisement, wild mint); rhizomatous perennial, to 1,5 m, flowers crowded at nodes, white to mauve; 11-4; scattered in damp places, Nieuwoudtville to Port Elizabeth (Africa and Europe).

PLECTRANTHUS ca 50 sp - palaeotropical and subtropical

ciliatus E. Meyer ex Benth. - soft straggling perennial with pubescent purple stems, to 600 mm, flowers white, speckled purple; 2-4; forest margins, Knysna (to E Transvaal).

ecklonii Benth. - large soft shrub, to over 2 m, flowers mauve or purple; 3-5; forest streambanks, George, Knysna (E Cape, Natal).

fruticosus L'Her. - (muishondblaar, vlieebos); soft pilose shrub, to 2 m, flowers blue-mauve, occ. pink; 11-4; forest and scrub, Caledon to Humansdorp (to N Transvaal).

laxiflorus Benth. - erect to spreading aromatic perennial, to 1,5 m, flowers white to pale mauve; 2-4; forest margins and shady streambanks, Humansdorp (E Cape to tropical Africa).

madagascariensis (Pers.) Benth. - aromatic softly pubescent procumbent to erect perennial, to 1 m, flowers white to purple with red dots; 10-4; dry forest or bush, George to Port Elizabeth (to tropical Africa, Madagasar, Mascarenes).

spicatus E. Meyer ex Benth. - sprawling succulent perennial, flowers purple; 3-5; Humansdorp (E Cape to Transvaal).

verticillatus (L.f.) Druce - semi-succulent prostrate to ascending perennial, to 1,2 m, flowers white to pale mauve with small dark spots; 12-6; semi-shaded rocky sites, Knysna to Port Elizabeth (to tropical Africa).

SALVIA ca 900 sp - cosmopolitan

africana-caerulea L. - (= S. **africana** L.) (wild sage, bloublomsalie); aromatic shrub, to 2,5 m, flowers blue, violet or pink with white to yellow markings; 6-1; sandy flats and lower slopes, Gifberg to Montagu, Peninsula, Caledon (E Cape).

albicaulis Benth. - branching white-stemmed shrub, to 600 mm, flowers purplish; 11-5; rocky flats and slopes, Clanwilliam to Worcester, Piketberg, Paarl.

africana-lutea L. - (= S. **aurea** L.) (bruinsalie, strandsalie); much-branched grey aromatic shrub, to 2 m, flowers brownish, occ. mauve; 6-12; coastal and dry fynbos, Gifberg to Port Elizabeth (Namaqualand, E Cape).

aurita Thunb. - (oogseerbossie); straggling to erect perennial, to 1,2 m, flowers blue, lilac or white; 10-6; streambanks, George to Uitenhage (E Cape to Transvaal).

chamelaeagna Bergius - (Afrikaansesalie, bloublommetjiesalie); scabrid to pilose shrub, to 2 m, flowers blue to blue-purple; 11-5; slopes and flats, widespread, Clanwilliam to Riversdale and Oudtshoorn (Karoo, Namaqualand).

dentata Aiton - grey pubescent shrub, to 2 m, flowers purple or white; 6-1; rocky slopes and plateaus, Nieuwoudtville to Cedarberg (Namaqualand, W Karoo).

disermas L. - (grootblousalie); shrubby perennial with woody base, to 1,2 m, flowers white to pale mauve; 8-5; sandy flats and slopes, Nieuwoudtville, Clanwilliam, Ceres, Little Karoo (dry parts of southern Africa).

granitica Hochst. - stoloniferous perennial with woody rootstock, to 600 mm, flowers lilac; 11-12; rocky slopes, Cedarberg, Cold Bokkeveld, Caledon.

lanceolata Lam. - much-branched shrub, 0,8-2 m, leaves grey, flowers dull rose or bluish; 9-6; flats and lower slopes, Clanwilliam to Peninsula, Caledon, Riversdale (Namaqualand).

muirii L. Bolus - (salie); rigid erect shrub, to 600 mm, flowers blue and white; 4-6; lower slopes, Mossel Bay to George.

namaensis Schinz - aromatic shrub, to 1,2 m, flowers white, mauve or blue; 9-5; rocky slopes, Little Karoo, Swartberg and Baviaanskloof Mts. (Karoo, Namibia, E Cape to tropical Africa).

repens Burchell ex Benth. - (kruipsalie); perennial with creeping woody rhizome, to 700 mm, flowers blue to white; 10-5; George to Uitenhage (to Transvaal).
runcinata L.f. - (hardesalie, wildesalie); erect perennial with creeping rhizome, to 500 mm, flowers blue to lilac or white; 10-4; Caledon to Uitenhage (E Cape to Zimbabwe).
scabra L.f. - (kruipsalie); sprawling perennial or shrub with woody base, to 1 m, flowers lilac to purple; 1-12; coastal bush, Humansdorp to Uitenhage (E Cape).
stenophylla Burchell ex Benth. - (fynblaarsalie); aromatic perennial with finely-divided leaves, to 600 mm, flowers pale blue to pinkish; 10-4; sand and limestone, Humansdorp to Uitenhage (E Cape to tropical Africa, Namibia).
triangularis Thunb. - scrambling perennial, stems to 800 mm, flowers purple to pale blue; 8-10; sandy lower slopes, Humansdorp to Port Elizabeth (E Cape).

STACHYS ca 450 sp - nearly pantemperate

aethiopica L. - (katbossie); straggling perennial, stems to 500 mm, flowers white or pink; 8-9; fynbos and forest, Cedarberg to Port Elizabeth (to tropical Africa).
***arvensis** L. - slender pubescent annual, 150-250 mm, flowers white and pink; 1-12; disturbed ground, Peninsula to Humansdorp (introduced weed).
aurea Benth. - (geelteebossie); branched often grazed shrub, to 1 m, flowers yellow; 9-2; rocky slopes, Clanwilliam (W Karoo).
bolusii Skan - pubescent spreading perennial, to 450 mm, flowers mauve or white; 8-9; lower slopes, Malmesbury, Caledon.
graciliflora Presl - soft straggling perennial, to 400 mm, flowers white; 10-3; moist forest margins and coastal scrub, Knysna to Port Elizabeth (to S Natal).
grandifolia E. Meyer ex Benth. - straggling perennial, 400-600 mm, flowers white or pale lilac; 12-4; upper slopes, Swellendam?, Uniondale (to Transvaal).
humifusa Burchell ex Benth. - (= **S. subsessilis** Burchell ex Benth., **S. tenella** Skan); sprawling perennial, flowers white to pale mauve; 10-1; lower slopes, Knysna to Port Elizabeth (Transkei).
linearis Burchell ex Benth. - (boesmantee, vaaltee); erect or spreading shrublet with strong woody taproot, 200-400 mm, flowers pink to purple; 12-2?; mountain slopes, Clanwilliam (Karoo to OFS).
rugosa Aition - (boesmantee, vaalteebossie); grey-green shrub, to 1,2 m, flowers purple to pink or yellow; 9-12; rocky slopes and plateaus, Nieuwoudtville, Clanwilliam (Karoo to Namibia).
scabrida Skan - slender sprawling perennial, flowers white; 9-12; shade in coastal scrub and fynbos, Knysna to Uitenhage (E Cape, Transkei).
sublobata Skan - sprawling perennial with slender stems, 200-300 mm, flowers mauve; 9-3; mountain slopes, Caledon to Riversdale, Little Karoo, Oudtshoorn.
thunbergii Benth. - (= **S. hispida** (Thunb.) Briq. nom. illeg.) (kattekruie); stout erect pricky perennial, to 2 m, flowers bright pink to purple; 9-3; lower slopes, Peninsula to Humansdorp.

TEUCRIUM ca 200 sp - worldwide, mainly Eurasia

africanum Thunb. - (aambeibos, paddaklou); grey rounded shrublet, to 250 mm, flowers small, white; 11-4; dry areas, Little Karoo, Bredasdorp to Port Elizabeth (E Cape, Karoo).
trifidum Retz. - (akkedispoot, kaatjiedrieblaar); erect grey shrub, to 1,1 m, flowers in leafy panicles, small, white; 11-4; dry woodland, Oudtshoorn, Humansdorp to Uitenhage (E Cape to Transvaal, Botswana).

LAURACEAE

CASSYTHA ca 16 sp - Old World

ciliolata Nees - (false dodder, devil's tresses, nooienshaar); yellow-green leafless, twining parasite on various hosts, flowers yellowish-white, flower or fruit; 1-12; Worcester, Paarl, Peninsula to Port Elizabeth.
filiformis L. - (false dodder, nooienshaar); like C. **ciliolata** but less common; Ladismith, Port Elizabeth (E Cape to tropical Africa).

CRYPTOCARYA ca 200 sp - pantropical and south temperate

angustifolia E. Meyer ex Meissner - (blue laurel, bloulourier); shrub or tree, 3-5 m, fruit oblong, purple, flowers cream; 11-12; river valleys, Gifberg, Ceres to Paarl, Worcester, Caledon, Swellendam.

OCOTEA ca 200 sp - mainly tropical America, 4 in Africa

bullata (Burchell) Baillon - (stinkwood, stinkhout); medium to large tree, 8-30 m, fruits acorn-like; 3-6; flowers yellow-green; 11-4; damp forests, Peninsula to Humansdorp (E Cape to Transvaal).

LENTIBULARIACEAE

UTRICULARIA ca 120 sp - cosmopolitan

capensis Sprengel - perennial, 20-250 mm, flowers lilac or white with yellow marking; 9-1; mossy rock ledges, Gifberg to Uitenhage (southern Africa, Madagascar).
gibba L. - perennial, 20-350 mm, flowers yellow; 11-2?; shallow water, Knysna, Uitenhage (pantropical).
inflexa Forsskal - perennial with stolons to 1 m, flowers yellow; 1-3; shallow or deep water, Caledon, Uitenhage (Old World tropics).
livida E. Meyer - perennial, 50-300 mm, flowers purple and yellow; 9-12; damp lower slopes, Peninsula, George, Knysna (E Cape to tropical Africa).

LINACEAE

LINUM ca 230 sp - pantemperate and subtropical

acuticarpum C. Rogers - slender perennial, 100-350 mm, flowers yellow; 1-2; coastal flats and lower slopes, Caledon.
adustum E. Meyer ex Planchon - perennial, 250-500 mm, flowers yellow; 11-12; lower slopes, Clanwilliam, Piketberg.
aethiopicum Thunb. - shrublet to 300 mm, flowers yellow; 9-1; coastal areas, Bredasdorp to Port Elizabeth (E Cape).
africanum L. - (African flax); perennial or shrublet, 200-500 mm, flowers yellow; mainly 11-1; coastal sand or limestone, Worcester, Peninsula to Knysna.
brevistylum C. Rogers - perennial, 100-350 mm, flowers yellow; 9-2; river flats and lower slopes, Peninsula to Caledon.
comptonii C. Rogers - slender perennial, 300-500 mm, flowers yellow; 1; mountain slopes, Clanwilliam, Paarl.
esterhuyseniae C. Rogers - perennial or shrublet, 160-500 mm, flowers yellow; 12-1; rocky mountain slopes, Bellville?, Ladismith to Uniondale, Knysna.

gracile Planchon - perennial, 150-650 mm, flowers yellow; 9-4; grassy lower slopes, Bredasdorp to Knysna.
heterostylum C. Rogers - perennial to 500 mm, flowers yellow; 11-4; sandstone or limestone flats and slopes, Bredasdorp to Riversdale, Worcester to Oudtshoorn.
pungens Planchon - perennial, 250-700 mm, flowers yellow; 11-12; mountain slopes, Cedarberg to Worcester, Tulbagh, Piketberg.
quadrifolium L. - perennial to 600 mm, flowers yellow; 9-10; damp lower or middle slopes, Paarl, Peninsula to Uniondale.
thesioides Bartling - perennial, 150-400 mm, flowers yellow; 10-2; lower slopes, Paarl, Peninsula to Bredasdorp.
thunbergii Ecklon & Zeyher - perennial, 150-900 mm, flowers yellow; 10-12; varied habitats, Paarl, Peninsula to Port Elizabeth (southern and S tropical Africa).
villosum C. Rogers - much-branched pubescent shrublet, to 300 mm, flowers yellow; 11-12; mountain slopes, George to Uniondale.

LOGANIACEAE

BUDDLEJA ca 100 sp - pantropical and subtropical

saligna Willd. - (witolienhout); shrub or tree to 7 m, flowers white or cream; 8-1; Malmesbury to Port Elizabeth (E Cape to tropical Africa).
salviifolia (L.) Lam. - (sagewood, wildesalie); shrub or tree, 1-8 m, flowers whitish to purple; 8-10; forest margins or rocky slopes, Clanwilliam, Caledon, George to Port Elizabeth (E Cape to tropical Africa).

NUXIA ca 40 sp - Africa, Madagascar, Mascarene Is.

floribunda Benth. - (wild elder, vlier); spreading tree, 3-10 m or more, flowers in white panicles; 5-8; forest or forest margins, Knysna to Port Elizabeth (E Cape to tropical Africa).

STRYCHNOS ca 400 sp - pantropical and subtropical

decussata (Pappe) Gilg - (Cape teak, Kaapse kiaat); slender tree to 12 m, fruits green turning red; flowers cream; 10-12; coastal bush, Knysna (E Cape to Transvaal).
spinosa Lam. - (green monkey-orange, groenklapper); shrub or tree, 2-9 m, often spiny, spherical fruits greeny-yellow, woody; flowers greenish; 10-1; coastal bush, Knysna (E Cape to tropical Africa, Namibia).

LORANTHACEAE

MOQUINELLA 1 sp - S W Cape to E Cape, Karoo

rubra (A. Sprengel) Balle - (lighted candles, vuurhoutjies, voelent); woody aerial hemiparasite, to 1 m, flowers orange-red; 3-6; various woody hosts, Clanwilliam, Worcester, George to Port Elizabeth (E Cape, Karoo).

SEPTULINA 2 sp - S W Cape, Namibia, Karoo

glauca (Thunb.) Tieghem - grey-leafed woody hemiparasite, to 500 mm, flowers dull red and green; 2-9; parasitic mainly on **Lycium** sp, Clanwilliam to Malmesbury, Worcester (Karoo, Namaqualand, Namibia).

LYTHRACEAE

LYTHRUM ca 35 sp - cosmopolitan

***hyssopifolium** L. - (loosestrife); erect or sprawling annual, 100-400 mm, flowers small, bright pink; 11-1; damp flats and slopes, Peninsula to Port Elizabeth.

MALVACEAE

ABUTILON ca 100 sp - cosmopolitan

sonneratianum (Cav.) Sweet - (wildemalva); velvety shrub, to 600 mm, flowers apricot-yellow; 1-12; forests or disturbed ground, George to Port Elizabeth (E Cape to Natal).

ANISODONTEA ca 20 sp - S W Cape to Lesotho and Namibia

alexandri (Baker f.) D. Bates - slender spreading shrublet, to 300 mm, flowers pink; ?; George (poorly known).
anomala (Link & Otto) D. Bates - thick-leafed shrub, to 1 m, flowers magenta to rose to pink; 7-11; arid areas, often near streams, Nieuwoudtville, Clanwilliam to Worcester, Malmesbury (Namaqualand).
biflora (Desr.) D. Bates - suberect shrublet, to 1 m, flowers pale pink or white; 8-11; lower slopes, Tulbagh, Ceres, Piketberg to Peninsula.
bryoniifolia (L.) D. Bates - (bergroos); thick-leafed shrub, 1-2 m, flowers white to magenta; 7-12; mid to upper slopes, Lokenburg to Worcester, Tulbagh, Piketberg (Namaqualand).
capensis (L.) D. Bates - small-leafed shrub, to 1 m, flowers magenta; 11-4; arid upper slopes, Swartberg Mts., Oudtshoorn, Uniondale (Karoo).
dissecta (Harvey) D. Bates - small spreading perennial with leaves much-divided, flowers whitish to magenta; 9-10; coastal slopes, Bredasdorp, Swellendam.
elegans (Cav.) D. Bates - shrub to 1,7 m, flowers white to magenta; 7-10; Worcester, Robertson, Swellendam.
fruticosa (Bergius) D. Bates - erect small-leafed shrub, to 2 m, flowers pale pink to magenta; 4-11; lower slopes, Worcester, Robertson, Caledon to Riversdale.
gracilis D. Bates - slender spreading shrublet, flowers pink; 1; Cedarberg Mts.
procumbens (Harvey) D. Bates - small-leafed shrub, to 1 m, flowers pale magenta; 5, 12; streambanks, Ceres, Worcester, Robertson.
pseudocapensis D. Bates - slender shrublet, to 300 mm, flowers pinkish; 10; Swellendam.
racemosa (Harvey) D. Bates - small-leafed spreading shrublet, flowers pink?; 11; Clanwilliam (Karoo.)
reflexa (Wendl.) D. Bates - thick-leafed shrub, 1-2 m, flowers pink or mauve; 8-11; upper slopes, Witteberg, Swartberg Mts. to Uniondale.
scabrosa (L.) D. Bates - variable erect shrub, 1-2 m, flowers pink; 1-12; coastal areas, Saldanha, Peninsula to Port Elizabeth (widespread in southern Africa).
setosa (Harvey) D. Bates - shrub or shrublet, 0,5-1,5 m, flowers whitish to magenta; 9-12; Clanwilliam to Malmesbury, Bellville.
theronii D. Bates - shrub to 1 m, flowers pink; 8; Calitzdorp.
triloba (Thunb.) D. Bates - erect thick-leafed shrub, to 1,5 m, flowers rose to magenta; 1-12; mountain slopes along streams, Nieuwoudtville, Clanwilliam, Worcester, Little Karoo (Karoo, Namaqualand).

HIBISCUS ca 300 sp - cosmopolitan

aethiopicus L. - perennial, 50-350 mm, flowers yellow or white; 4-1; grassland, Peninsula to Port Elizabeth (to tropical Africa).
diversifolius Jacq. - (black-eyed susan); erect rigid perennial, 1-2,5 m, flowers yellow with blue-black centre; usually 1-4; dampish areas, Peninsula (? introduced), Uitenhage (Old World tropics).
ludwigii Ecklon & Zeyher - (wildestokroos); shrub to 3 m, flowers yellow often with dark centre; 12-2; coastal forest, George to Uitenhage (to tropical Africa).
pedunculatus L.f. - (hibiscus, wildestokroos); perennial to 1 m, flowers pink; 11-4; coastal forest, George to Uitenhage (to tropical Africa).
pusillus Thunb. - sprawling perennial, stems 50-300 mm, flowers yellow, cream, occ. pink, with dark centre; 12-5; stony lower slopes, Bredasdorp to Riversdale, Little Karoo to Humansdorp (to tropical Africa, Namibia).
***trionum** L. - erect or straggling annual or perennial, to 1 m, flowers with inflated calyx, yellow or cream with dark centre; 9-2; Peninsula to Port Elizabeth (cosmopolitan weed).

PAVONIA ca 200 sp - pantropical and subtropical

columella Cav. - soft shrub, to 2 m, flowers pale pink; 5-7; forest margins, Mossel Bay, Knysna (E Cape to Transvaal);
praemorsa (L.f.) Willd. - erect shrub, 2-3 m, flowers yellow; 10-3; Humansdorp to Port Elizabeth (E Cape).

SIDA ca 200 sp - cosmopolitan

ternata L.f. - (= **S. triloba** Cav.); erect or sprawling perennial, to 300 mm, flowers white; 10-3; grassland, George to Humansdorp (E Cape, Transkei).

MELIACEAE

EKEBERGIA 15 sp - Africa, Madagascar

capensis Sparrman - (Cape ash, essenhout); evergreen forest tree, 7-20 m, flowers small, white; 8-9; George to Humansdorp (E Cape to tropical Africa).

NYMANIA 1 sp - southern Cape to Namibia

capensis (Thunb.) Lindb. - (chinese lanterns, klapperbos); shrub or small tree to 4 m, fruits inflated, flowers pink or red; 10-12; arid areas, Little Karoo, Uitenhage (E Cape, Namaqualand, Namibia).

MELIANTHACEAE

MELIANTHUS 6 sp - southern Africa

comosus Vahl - (kruidjie-roer-my-nie); shrub with inflated fruits, to 2 m, flowers red or purple; 8-10; Ladismith, Humansdorp, Uitenhage (southern Africa).
major L. - (kruidjie-roer-my-nie); shrub with large grey leaves, to 1,5 m, fruits inflated, flowers dull red; 8-9; Gifberg, Clanwilliam to Peninsula, Caledon to Humansdorp (Karoo).
minor L. - (kruidjie-roer-my-nie); small shrub with inflated fruits, to 600 mm, bracts red, flowers greenish; 7-9; Clanwilliam to Malmesbury (Namaqualand).

MENISPERMACEAE

ANTIZOMA 3-4 sp - widespread in southern Africa

miersiana Harvey - much-branched shrub, to 1 m, flowers greenish; 7-9; Clanwilliam (Karoo, Namaqualand).

CISSAMPELOS ca 30 sp - pantropical

capensis L.f. - (= **Antizoma capensis** (L.f.) Diels) (davidjies, fynblaarklimop); dioecious sprawling shrub, flowers small, green; 2-5; stony slopes, Clanwilliam to Peninsula, Worcester, Knysna to Port Elizabeth (Karoo).
torulosa Harvey - (davidjies); dioecious wiry vine, flowers greenish; 10-12; forest margins, George to Port Elizabeth (to Natal).

MESEMBRYANTHEMACEAE

ACRODON 3 sp - S Cape

bellidiflorus (L.) N.E. Br. - dwarf mat-forming succulent, flowers pink; 4-7; Riversdale, Mossel Bay.
parvifolia R. du Plessis - dwarf mat-forming succulent with robust much-branched stems to 500 mm, flowers white with pink tips; 8-9; Caledon.
subulatus (Miller) N.E. Br. - (resembles **A. bellidiflorus**); small succulent, flowers pink; 11-4; Riversdale.

AETHEPHYLLUM 1 sp - S W Cape

pinnatifidum (L.f.) N.E. Br. - prostrate annual with flat lobed leaves, flowers yellow or white; 9-10; Piketberg, Tulbagh, Peninsula, Caledon.

AMOEBOPHYLLUM 1 sp - S W Cape to Namaqualand

angustum N.E. Br. - erect succulent with alternate leaves, to 300 mm, flowers pinkish or white; 10; Worcester (Namaqualand).

AMPHIBOLIA ca 5 sp - W Cape and W Karoo

gydouwensis (L. Bolus) L. Bolus - erect succulent shrub, to 350 mm, flowers purple; 10; Clanwilliam, Tulbagh, Ceres.

ANTEGIBBAEUM 1 sp - Little Karoo

fissoides (Haw.) Schwantes ex C. Weber - dwarf succulent, to 80 mm, flowers violet-red; 8; quartzite patches, Little Karoo.

APATESIA ca 4 sp - S W Cape

helianthoides (Aiton) N.E. Br. - tufted annual, to 150 mm, flowers yellow; 9-10; Darling, Peninsula.
maughanii N.E. Br. - tufted annual, to 100 mm, flowers yellow; 8-11; Clanwilliam, Piketberg.
pillansii N.E. Br. - tufted annual, to 150 mm, flowers yellow with whitish centre; 9; coastal dunes, Caledon.
sabulosa (Thunb.) L. Bolus - tufted annual, to 200 mm, flowers glossy yellow; 8-9; Clanwilliam, Tulbagh.

APTENIA 2 sp - S Cape to Transvaal

cordifolia (L.f.) Schwantes - (brakvygie); branched prostrate perennial with flat leaves, to 600 mm, flowers magenta; 12-4; George to Port Elizabeth (E Cape to Transvaal).

ARIDARIA ca 35 sp - southern Africa

brevifolia L. Bolus - stiff prostrate shrublet, to 600 mm, flowers white; 11-12; Little Karoo.
leipoldtii L. Bolus - densely branched shrublet, to 150 mm, flowers pink with red reverse; 9; Clanwilliam.
noctiflora (L.) Schwantes - (incl. **A. intricata** L. Bolus, **A. longisepala** L. Bolus); shrub to 800 mm, flowers golden-yellow; 7-11; Clanwilliam (Karoo, Namaqualand, Namibia).

BRAUNSIA 4 sp - S Cape and Karoo

geminata (Haw.) L. Bolus - rigid low shrublet, flowers pink; 4-6; Little Karoo (Karoo).
vanrensburgii (L. Bolus) L. Bolus - robust low shrublet, to 100 mm, flowers white; 1-4; limestone hills, Bredasdorp.

CARPANTHEA 2 sp - W Cape

calendulacea (Haw.) L. Bolus - (= **C. pilosa** (Haw.) L. Bolus); tufted succulent annual, to 150 mm, flowers lemon-yellow; 9-10; Malmesbury.
pomeridiana (L.) N.E. Br. - (vetkousie); tufted succulent annual, to 200 mm, flowers golden-yellow; 9-11; sandy flats, Clanwilliam, Worcester to Peninsula.

CARPOBROTUS ca 30 sp - S W Cape to Natal, Chile (1), California (1), Australia (4)

acinaciformis (L.) L. Bolus - (hottentot fig, sour fig, suurvy); mat-like succulent perennial, flowers rose-purple; 8-10; coastal sand, Peninsula, Caledon, Riversdale, Port Elizabeth (Natal).
concavus L. Bolus - prostrate succculent perennial, flowers purple; 9-12; Bredasdorp, Riversdale.
deliciosus (L. Bolus) L. Bolus - prostrate succulent perennial, flowers pink to purple; 6-10; sandy flats, Riversdale, Baviaanskloof, Port Elizabeth (E Cape).
dulcis L. Bolus - (resembles **C. deliciosus** (L. Bolus) L. Bolus); 9; Humansdorp.
edulis (L.) N.E. Br. - (hottentot fig, sour fig, suurvy); mat-like succulent perennial, flowers yellow or pink; 8-10; widespread in S W Cape (E Cape).
fourcadei L. Bolus - mat-like succulent perennial, flowers pale pink, occ. white; 8-9; Humansdorp.
mellei (L. Bolus) L. Bolus - mat-like succulent perennial, flowers pink or mauve; 9-1; dry mountain slopes, Caledon, Bredasdorp, Little Karoo.
muirii (L. Bolus) L. Bolus - mat-like succulent perennial, flowers magenta; 9-11; Peninsula (introduced), Riversdale.
pageae L. Bolus - mat-like succulent perennial, flowers lilac-rose; 9-10; Montagu.
pillansii L. Bolus - mat-like succulent perennial, flowers pink or magenta; 9-10; Stellenbosch.
sauerae Schwantes - robust mat-like succulent perennial, flowers large, magenta; 7-9; Saldanha, Darling (S Namaqualand).

vanzijliae L. Bolus - mat-like succulent perennial, flowers pink; 10-12; limestone hills, Bredasdorp, Oudtshoorn?.

CARRUANTHUS ca 2 sp - S Cape and S Karoo

caninus (Haw.) Schwantes - (tierbekvygie); short-stemmed branching succulent, flowers yellow; 8-10; Little Karoo.

CARYOTOPHORA 1 sp - S W Cape

skiatophytoides Leistner - perennial with spreading branches and flat, fleshy leaves, flowers white; 10-11; sandy flats, Bredasdorp.

CEPHALOPHYLLUM ca 70 sp - S W Cape to S Namibia

albertinense (L. Bolus) Schwantes - prostrate succulent, stems to 300 mm, flowers yellow; 5-9; Caledon to Riversdale.
alstonii Marloth - prostrate succulent, stems to 500 mm, flowers dark red; 8-9; Ceres.
anemoniflorum (L. Bolus) Schwantes - prostrate succulent, stems to 250 mm, flowers salmon or white; 8-9; coastal sands, Macassar, near Somerset West.
aurantiacum L. Bolus - prostrate succulent with slender stems to 120 mm, flowers yellow with red reverse; 6; Riversdale.
baylissii L. Bolus - mat-like succulent, stems to 150 mm, flowers bright magenta; 2-3; Riversdale.
bredasdorpense L. Bolus - mat-like succulent, to 300 mm in diam., flowers lemon-yellow with magenta stripe; 8; Bredasdorp.
caledonicum L. Bolus - succulent perennial, flowers yellow; 8; Caledon (poorly known).
cedrimontanum L. Bolus - succulent perennial, flowers yellow, striped with red; 6-8; Clanwilliam.
crassum L. Bolus - spreading succulent, stems to 120 mm, flowers yellow with red-striped reverse; 7-9; Clanwilliam.
decipiens (Haw.) L. Bolus - sprawling succulent, stems to 400 mm, flowers yellow; 8; sand dunes, Clanwilliam.
diminutum (Haw.) L. Bolus - dwarf succulent, flowers magenta; 7-8; Barrydale, Ladismith, Uniondale.
dissimile (N.E. Br.) Schwantes - succulent shrub, to 450 mm, flowers pink or yellow; 9; Gifberg.
diversiphyllum (Haw.) N.E. Br. - prostrate succulent, flowers glossy yellow; 7; Gifberg, Clanwilliam.
framesii L. Bolus - prostrate succulent, flowers pink; 6-8; Malmesbury (S Namaqualand).
franciscii L. Bolus - low succulent shrub, to 90 mm high, flowers magenta; 8; Clanwilliam.
gracile L. Bolus - dwarf shrublet, to 100 mm high, flowers golden-yellow; 6-8; Ladismith, Montagu.
littlewoodii L. Bolus - prostrate succulent, stems to 180 mm, flowers pink; 8-9; Worcester.
loreum (L.) Schwantes - prostrate succulent, stems to 450 mm, flowers golden-yellow; 6-8; Swellendam, Mossel Bay.
maritimum (L.) Schwantes - succulent with creeping stems to over 300 mm, flowers magenta; 5-8; sand dunes, Riversdale.
middlemostii L. Bolus - succulent with creeping stems to 300 mm, flowers magenta; 5-9; Riversdale.

parviflorum L. Bolus - prostrate succulent, stems to 450 mm, flowers yellow with red reverse; 7; Tulbagh, Malmesbury.
procumbens (Haw.) L. Bolus - creeping succulent, stems to over 300 mm, flowers bright yellow; 5-9; sand dunes, Malmesbury, Peninsula to Bredasdorp, George, Uniondale.
purpureo-album (Haw.) Schwantes - prostrate succulent, stems to 500 mm, flowers white with red reverse; 8; Riversdale.
rhodandrum L. Bolus - creeping succulent, flowers coppery-red; 8; Ceres.
rostellum (L. Bolus) H.E.K. Hartmann - (= **Vanzijlia rostella** L. Bolus); creeping succulent, stems to 150 mm, flowers magenta or whitish; 6; Malmesbury.
serrulatum L. Bolus - prostrate succulent, flowers magenta; 5-7; Worcester (poorly known).
subulatoides (Haw.) N.E. Br. - tufted succulent, flowers magenta; 7-8; Caledon to George.
tenuifolium L. Bolus - creeping succulent, stems to 300 mm, flowers yellow with scarlet base; 7-9; Clanwilliam.
tricolorum (Haw.) N.E. Br. - creeping succulent, flowers yellow with purple base and reddish centre; 7-8; windblown sand, Clanwilliam (S Namaqualand).
validum (Haw.) Schwantes - creeping succulent, stems to 600 mm, flowers yellow; 5-6; Durbanville.
vandermerwei L. Bolus - prostrate succulent, flowers yellow, striped yellow or red; ?; Swellendam.
vanputtenii L. Bolus - creeping succulent, stems to 300 mm, flowers yellow with white centre; 7-8; Clanwilliam, Piketberg.
worcesterense L. Bolus - compact or spreading succulent, stems to 250 mm, flowers cream or yellow; 7-8; Worcester, Robertson.

CEROCHLAMYS 1 sp - Little Karoo

pachyphylla (L. Bolus) L. Bolus - acaulescent tufted succulent, flowers pink; 5-7; Little Karoo.

CHEIRIDOPSIS ca 80 sp - S W Cape to Namibia

carnea N.E. Br. - cushion-like succulent, to 50 mm, flowers pink; 7-9; low hills, Piketberg.
duplessii L. Bolus - compact succulent, flowers yellow; 7-9; Clanwilliam (W Karoo).
inspersa (N.E. Br.) N.E. Br. - low succulent, flowers yellow; 7-8; coastal rocks, Clanwilliam, Saldanha (S Namaqualand).
purpurascens (Salm-Dyck) N.E. Br. - dwarf tufted succulent, flowers purple?; 9; sea-facing slopes, Malmesbury.
velutina L. Bolus - tufted succulent, flowers yellow; 7-8; Clanwilliam.

CONICOSIA ca 10 sp - S W Cape to S Namaqualand

australis L. Bolus - slender tufted perennial or biennial, scapes to 300 mm, flowers yellow; 9-11; Bredasdorp.
bijlii N.E. Br. - tufted perennial or biennial, to 200 mm, flowers yellow; 9-12; flats, Knysna, Humansdorp.
capensis N.E. Br. - tufted perennial or biennial, to 250 mm, flowers yellow; 10-12; Langebaan.
communis (Edwards) N.E. Br. - tufted perennial or biennial, to 120 mm, flowers yellow; 9-12; Clanwilliam to Peninsula.
muirii N.E. Br. - (gansies); tufted perennial or biennial, to 250 mm, flowers yellow; 10-11; Riversdale.

pugioniformis (L.) N.E. Br. - (gansies, snotwortel, varkslaai); tufted perennial or biennial, to 400 mm, flowers yellow; 8-9; Clanwilliam to Bellville (S Namaqualand).
pullilobia N.E. Br. - (resembles **C. communis**); prostrate, stems to 500 mm, flowers yellow; 9-10; Malmesbury to Peninsula.

CONOPHYTUM ca 290 sp - S W Cape to S Namibia

advenum N.E. Br. - minute cushion-forming succulent, flowers yellow with copper reverse; 5; Riversdale.
archeri Lavis - dwarf almost stemless succulent, flowers wine-coloured; 4; Montagu.
calitzdorpense L. Bolus - clump-forming succulent, flowers pinkish; 4; Ladismith.
ficiforme (Haw.) N.E. Br. - dwarf almost stemless succulent forming compact mats, flowers white, pink or magenta; 5-6; Worcester, Robertson, Montagu.
germanum N.E. Br. - dwarf almost stemless succulent, flowers white; 4; Piketberg.
giftbergense Tischer - dwarf almost stemless succulent forming lax cushions; 4; Gifberg.
joubertii Lavis - mat-forming succulent, flowers pale yellow; 5; Ladismith.
lambertense Schick & Tischer - dwarf almost stemless succulent, flowers white; 5; Clanwilliam.
leipoldtii N.E. Br. - dwarf almost stemless succulent, flowers yellow or purple; 5; rocks at high alt., Clanwilliam.
literatum N.E. Br. - dwarf nearly stemless succulent, flowers cream; 6-7; Clanwilliam (S Namaqualand).
longitubum L. Bolus - compact stemless succulent, flowers white; 4; Worcester.
luckhoffii Lavis - mat-forming succulent, flowers magenta; 3; Nieuwoudtville to Clanwilliam.
minimum (Haw.) N.E. Br. - dwarf almost stemless succulent forming lax mats, flowers white or cream; 9-10; rocks, Gifberg, Montagu.
minusculum (N.E. Br.) N.E. Br. - dwarf almost stemless succulent, flowers magenta with orange tube; 3; Gifberg, Clanwilliam.
muirii N.E. Br. - dwarf almost stemless succulent, flowers pale yellow; 4-6; Ladismith.
multipunctatum Tischer - dwarf almost stemless mat-forming succulent, flowers white; 2; Uniondale.
mundum N.E. Br. - dwarf almost stemless mat-forming succulent, flowers whitish or cream; 3-5; Clanwilliam (S Namaqualand).
novellum N.E. Br. - dwarf almost stemless succulent, flowers pale yellow; ?; Clanwilliam.
obconellum (Haw.) Schwantes - dwarf almost leafless cushion-forming succulent, flowers white to yellow; 6-7; Gifberg, Clanwilliam, Robertson.
parviflorum N.E. Br. - dwarf almost stemless succulent, flowers straw; ?; Clanwilliam.
piluliforme (N.E. Br.) N.E. Br. - dwarf nearly stemless succulent, flowers coppery; 3-5; Little Karoo.
pisinnum (N.E. Br.) N.E. Br. - dwarf almost stemless mat-forming succulent, flowers yellow to white; 4; Montagu.
placitum (N.E. Br.) N.E. Br. - dwarf almost stemless mat-forming succulent, flowers white, pink or yellow; 6; Worcester, Robertson.
spectabile Lavis - dwarf almost stemless succulent, flowers pink to white; 5; Worcester.
subconfusum Tischer - dwarf almost stemless laxly cushion-forming succulent, flowers red; ?; Ladismith.

subglobosum Tischer - dwarf almost stemless clump-forming succulent, flowers white; ?; Uniondale.
truncatum (Thunb.) N.E. Br. - dwarf almost stemless cushion-forming succulent, flowers pink to white; 3-4; Ladismith, George, Uniondale.
turrigerum (N.E. Br.) N.E. Br. - dwarf almost stemless succulent, flowers white; 4; granite rocks, Malmesbury, Paarl.
ursprungianum Tischer - dwarf almost stemless cushion-forming succulent, flowers pink or white; 3-4; rock crevices, Nieuwoudville plateau (W Karoo).
uviforme (Haw.) N.E. Br. - dwarf cushion-forming succulent, flowers white to yellow; 3-6; Gifberg, Clanwilliam (S Namaqualand).
wiggettae N.E. Br. - dwarf almost stemless mat-forming succulent, flowers white; 3-4; Little Karoo.
wittebergense Boer - dwarf almost stemless mat-forming succulent, flowers pale yellow; ?; Witteberg Mts.

CYLINDROPHYLLUM ca 5 sp - Little Karoo, Karoo

comptonii L. Bolus - robust tufted succulent, flowers silvery-white; 9-12; karroid veld, Little Karoo.

DELOSPERMA ca 120 sp - Cape and Namibia to E tropical Africa

algoense L. Bolus - shrublet to 100 mm, flowers white; 2-3; Port Elizabeth.
asperulum (Salm-Dyck) L. Bolus - (= **Drosanthemum bredai** L. Bolus); bushy shrub, to 500 mm, flowers magenta; 8-10; Worcester, Peninsula to Riversdale (Namaqualand).
burtoniae L. Bolus - densely branched shrublet, to 150 mm, flowers yellow or coppery-red; 1; Worcester.
calitzdorpense L. Bolus - densely branched low shrublet, to 100 mm, flowers white; 12; Little Karoo.
ecklonis (Salm-Dyck) Schwantes - slender shrublet with prostrate branches, flowers white; 7-10; Humansdorp, Uitenhage (E Cape).
esterhuyseniae L. Bolus - mat-forming shrublet, flowers white; 11-3; rock crevices at middle alt., Uniondale, Humansdorp.
exspersum (N.E. Br.) L. Bolus - slender shrublet, to 300 mm, flowers pink to red; 11-1; rock ledges at high alt., Ceres, Worcester.
grandiflorum L. Bolus - erect or scrambling shrublet, to 400 mm, flowers magenta; 9; Clanwilliam.
gratiae L. Bolus - (= **D. longii** L. Bolus); twiggy shrub, to 400 mm, flowers pink; 12-6; Port Elizabeth (E Cape).
guthriei Lavis - sprawling succulent perennial, flowers white; 2-3; coastal sand or rocks, Caledon.
hollandii L. Bolus - creeping succulent perennial, stems to 300 mm, flowers white; 2-6; Uitenhage, Port Elizabeth (E Cape).
inaequale L. Bolus - erect shrublet, to 200 mm, flowers magenta; 9; Bredasdorp.
inconspicuum L. Bolus - creeping succulent, stems to 400 mm, flowers white; 2-4; Swellendam, George, Knysna.
lehmannii (Ecklon & Zeyher) Schwantes - spreading shrublet, flowers orange or yellow; 11-4; Uitenhage, Port Elizabeth (E Cape).
litorale (Kensit) L. Bolus - (kalkklipvygie); erect or creeping shrublet, to 150 mm, stems spreading to 350 mm, flowers white or cream; 4; limestone flats, Bredasdorp, George, Knysna, Port Elizabeth.
longipes L. Bolus - erect shrublet, flowers red to yellow; 8-9; Clanwilliam.
macrostigma L. Bolus - mat-forming shrublet, flowers white or pale pink; 1-4; Swellendam.

mariae L. Bolus - creeping succulent, stems to 300 mm, flowers purplish; 1-2; limestone flats, Bredasdorp.
multiflorum L. Bolus - prostrate succulent, flowers pink; mainly 3-7; George to Humansdorp.
neethlingiae (L. Bolus) Schwantes - slender shrublet, to 140 mm, flowers magenta; 4-9; Caledon, Riversdale.
pageanum (L. Bolus) L. Bolus - erect shrublet, to 300 mm, flowers purple; 5-6; karroid hills, Worcester, Robertson, Montagu.
papillatum (L. Bolus) L. Bolus - sprawling deciduous shrublet, to 200 mm, flowers white; 11-2; Worcester, Ladismith.
parviflorum L. Bolus - creeping succulent, flowers golden-yellow; 1-3; Uitenhage (E Cape).
patersoniae (L. Bolus) L. Bolus - dwarf shrublet, flowers pink or white; 11-3; Knysna to Uitenhage.
pubipetalum L. Bolus - lax deciduous shrublet, to 300 mm, flowers pink; 12; Robertson.
saxicolum Lavis - mat-like succulent, flowers pale pink; 10; coastal cliffs, Humansdorp.
subincanum (Haw.) Schwantes - erect to prostrate shrublet, flowers white; 8-12; Humansdorp (E Cape).
uitenhagense L. Bolus - densely branched prostrate shrublet, stems to 300 mm, flowers white; 3-4; Uitenhage.
uncinatum L. Bolus - prostrate or creeping succulent, stems to 450 mm, flowers white; 3-4; Uitenhage, Port Elizabeth.
virens L. Bolus - erect shrublet, to 450 mm, flowers magenta; 1-5; limestone hills, Riversdale.

DIPLOSOMA 2 sp - W Cape

leipoldtii L. Bolus - stemless succulent perennial, flowers pink to purple; 9; Piketberg, Clanwilliam.
retroversum (Kensit) Schwantes - stemless clumped perennial, flowers pink to purple; 9; Piketberg.

DISPHYMA ca 3 sp - S W Cape and Australasia

crassifolium (L.) L. Bolus - creeping perennial, flowers white, magenta or pink; 7-10; coastal rocks just above water mark, Clanwilliam, Malmesbury, George to Port Elizabeth.
dunsdonii L. Bolus - robust creeping or prostrate perennial, flowers pinkish; 9-10; salt pans, Caledon to George.

DOROTHEANTHUS ca 14 sp - S W Cape to Namaqualand

acuminatus L. Bolus - tufted annual, flowers straw with red centre; 7; Piketberg.
apetalus (L.f.) N.E. Br. - inconspicuous tufted annual, flowers red; 7-9; Piketberg, Peninsula.
bellidiformis (Burm. f.) N.E. Br. - (livingstone daisy, bokbaaivygie, ysplant); tufted annual, flowers variable, white, pink, red or purple; 8-9; Clanwilliam to Peninsula, Caledon to Bredasdorp.
bidouwensis L. Bolus - tufted annual, flowers pink or magenta; 8-9; Clanwilliam.
flos-solis (A. Berger) L. Bolus - tufted annual, flowers brilliant yellow; 8-9; Clanwilliam, Nieuwoudtville plateau (Namaqualand).
gramineus (Haw.) Schwantes - tufted annual with narrow leaves, flowers varied colours; 8-9; Clanwilliam to Malmesbury.

hallii L. Bolus - tufted annual, flowers white with magenta centre; 7-10; Malmesbury.
littlewoodii L. Bolus - tufted annual, flowers white with magenta tips; 8-9; Worcester.
martinii L. Bolus - tufted annual, flowers yellowish with red centre; 9-10; Robertson.
muirii N.E. Br. - tufted annual, flowers pink to red; 9-10; Caledon, Riversdale.
oculatus N.E. Br. - tufted annual, flowers varied colours but with dark red centre; 7-9; coastal slopes, Clanwilliam to Malmesbury.

DROSANTHEMUM ca 90 sp - Cape Province and Namibia

acuminatum L. Bolus - slender erect shrublet, to 200 mm, flowers magenta; 9-10; Montagu.
acutifolium (L. Bolus) L. Bolus - (= **D. capillare** (L.f.) Schwantes); slender branched shrublet, flowers minute, reddish; ?; Humansdorp.
albiflorum (L. Bolus) Schwantes - slender much-branched shrublet, to 150 mm, flowers white; 9; Ladismith, Riversdale, Humansdorp.
ambiguum L. Bolus - creeping shrublet, stems to 500 mm, flowers magenta; 11-1; Clanwilliam to Malmesbury, Caledon, Worcester (Karoo).
anomalum L. Bolus - shrublet with a tuberous caudex, flowers golden-yellow; 8-10; Robertson, Montagu.
archeri L. Bolus - prostrate shrublet, stems to 250 mm, flowers purplish-pink; 9; Oudtshoorn, Montagu.
attenuatum (Haw.) Schwantes - slender shrublet, to 200 mm, flowers white with red stripes; 11; Caledon to Riversdale.
aureopurpureum L. Bolus - slender shrublet, to 200 mm, flowers golden-yellow with purple reverse; 8-10; Swellendam.
austricolum L. Bolus - prostrate shrublet, stems to 150 mm, flowers magenta; 9; limestone, Bredasdorp.
autumnale L. Bolus - robust shrublet, to 450 mm, flowers purple; 3-4; Mossel Bay.
barberae L. Bolus - branched shrub or shrublet, to 1 m, flowers magenta; 10-11; Robertson, Oudtshoorn.
barwickii L. Bolus - shrublet, flowers magenta; 9; Swellendam.
bellum L. Bolus - laxly branched shrub, flowers pink, cream and white; 9-12; Worcester (W Karoo).
bicolor L. Bolus - erect rigid shrublet, to 300 mm, flowers golden-yellow with maroon tips; 10-12; Little Karoo.
brevifolium (Aiton) Schwantes - shrublet to 600 mm, flowers magenta; 9; Uitenhage.
calycinum (Haw.) Schwantes - straggling shrublet, to 500 mm, flowers white; 9-11; Ceres, Clanwilliam to Malmesbury.
candens (Haw.) Schwantes - mat-forming shrublet, flowers pale pink or white; 10-1; coastal rocks, Peninsula to Bredasdorp.
cereale L. Bolus - erect slender shrublet, to 150 mm, flowers yellow; 12-2; Ceres, Caledon.
chrysum L. Bolus - densely branched slender shrublet, to 100 mm, flowers golden-yellow; 10; Ladismith.
collinum (Sonder) Schwantes - shrublet with slender erect branched stems, to 300 mm, flowers golden-yellow; 12; Ceres?, Worcester (W Karoo).
crassum L. Bolus - robust shrublet, to 250 mm, flowers greenish?; 12; Little Karoo.
croceum L. Bolus - intricately branched shrublet, flowers yellow; 10-11; cliffs, Montagu, Langeberg Mts.
delicatum (L. Bolus) Schwantes - stiff low shrublet, to 100 mm, flowers pale pink; 10-11; Little Karoo.

duplessiae L. Bolus - erect shrublet, to 300 mm, flowers pink; 1; Oudtshoorn.
edwardsiae L. Bolus - lax shrublet, to 150 mm, flowers magenta; 8-11; Mossel Bay to George.
flammeum L. Bolus - stiffly erect shrublet, to 250 mm, flowers orange; 10; Robertson.
flavum (Haw.) Schwantes - slender-branched shrublet, to 150 mm, flowers yellow; 9-10; Caledon, Bredasdorp.
floribundum (Haw.) Schwantes - cushion-forming shrublet, flowers pale or deep pink; 9-12; widespread in S W Cape (E Cape, Namaqualand).
fourcadei (L. Bolus) Schwantes - stiff erect shrublet, to 200 mm, flowers reddish; 10-12; Humansdorp, Uniondale.
giffenii (L. Bolus) Schwantes - low sprawling shrublet, flowers pink or white; 10-11; Little Karoo.
glabrescens L. Bolus - rigid erect shrublet, to 200 mm, flowers magenta; 9; Nieuwoudtville.
globosum L. - much-branched stiff shrublet, to 450 mm, flowers magenta; 6-7; Little Karoo.
gracillimum L. Bolus - weak-stemmed slender scrambler, to 200 mm, flowers magenta; 5-8; mountain slopes, Uniondale, Humansdorp.
hallii L. Bolus - rounded shrublet, to 250 mm, flowers golden-yellow with white centre; 9-10; Worcester.
hispidum (L.) Schwantes - erect or spreading shrublet, to 600 mm, flowers magenta; 9-1; Piketberg, Malmesbury, Montagu, Humansdorp, Uniondale (dry parts of southern Africa).
insolitum L. Bolus - slender erect shrublet, to 150 mm, flowers yellow; 11; Caledon.
intermedium (L. Bolus) L. Bolus - shrublet with slender creeping stems, flowers magenta; 8-9; Malmesbury, Caledon to Mossel Bay, Humansdorp to Port Elizabeth.
lavisiae L. Bolus - erect densely branched shrublet, flowers red, coppery on reverse; 9; Bredasdorp, Montagu.
laxum L. Bolus - low shrublet, to 100 mm, flowers pink or magenta; 2; Robertson.
leipoldtii L. Bolus - stiff erect shrublet, to 360 mm, flowers magenta; 10; Clanwilliam.
leptum L. Bolus - erect shrublet, to 300 mm, flowers white; 10; Robertson.
lignosum L. Bolus - cushion-forming shrublet, to 150 mm in diam., flowers magenta; 10; Ceres (W Karoo).
lique (N.E. Br.) Schwantes - spreading shrublet, stems to 400 mm, flowers purple; 10-2; Humansdorp, Uitenhage (Karoo, Namibia).
marinum L. Bolus - creeping perennial, flowers pink or magenta; 8-9; seashore, Malmesbury.
micans (L.) Schwantes - shrub to 800 mm, flowers yellow and purple; 10; Worcester, Swellendam.
montaguense L. Bolus - erect stiff shrublet, to 150 mm, flowers white; 10-11; Little Karoo.
muirii L. Bolus - twiggy shrublet, to 400 mm, flowers pink or red; 10; Riversdale, Montagu.
opacum L. Bolus - robust creeping shrublet, stems to 400 mm, flowers pink; 10; Tulbagh, Ceres.
parvifolium (Haw.) Schwantes - much-branched shrublet, to 200 mm, flowers magenta; 10-12; Worcester, Bredasdorp to Mossel Bay.
pickhardii L. Bolus - slender shrublet, to 150 mm, flowers yellow-orange; 10; Robertson.
praecultum (N.E. Br.) Schwantes - erect shrublet, to 300 mm, flowers purple?; ?; Montagu.

prostratum L. Bolus - creeping stiff shrublet, stems to 300 mm, flowers pink; 8; Clanwilliam.
pulchellum L. Bolus - creeping mat-like perennial, flowers pink; 7-9; Clanwilliam.
pulchrum L. Bolus - lax shrublet, to 200 mm, flowers greenish; 10; Worcester.
salicolum L. Bolus - compact densely branched shrublet, to 250 mm, flowers pale pink; 11; Piketberg, Hopefield (Namaqualand, Namibia).
semiglobosum L. Bolus - slender shrublet, to 400 mm, flowers yellow; 10; Hex River Pass.
speciosum (Haw.) Schwantes - erect shrublet, to 600 mm, flowers red to orange; 5-10; Worcester, Robertson.
splendens L. Bolus - erect shrublet, to 500 mm, flowers yellow with maroon tips; 9-12; Montagu.
stokoei L. Bolus - cushion-forming perennial, flowers pale pink; 8-1; Peninsula, Caledon.
striatum (Haw.) Schwantes - (porseleinbos, vleisbos); erect or spreading shrublet, to 300 mm, flowers pink with darker veins; 8-9; Nieuwoudtville to Malmesbury, Caledon to Swellendam, Worcester.
strictifolium L. Bolus - erect shrublet, to 300 mm, flowers golden-yellow with red tips; 10; Riversdale.
subcompressum (Haw.) Schwantes - (incl. **D. roridum** L. Bolus); slender erect shrublet, to 600 mm, flowers magenta; 9; Uniondale to Port Elizabeth (E Cape).
thudichumii L. Bolus - erect shrub, to 1 m, flowers orange, white or yellow; 10-11; Worcester.
tuberculiferum L. Bolus - prostrate shrublet, stems to 120 mm, flowers pink; 9-10; Worcester.
vandermerwei L. Bolus - prostrate shrublet, stems to 400 mm, flowers pink; 9-10; Swellendam, George.
vespertinum L. Bolus - erect laxly branched shrublet, to 300 mm, flowers white; 10-4; Swellendam (Karoo).
wittebergense L. Bolus - erect shrublet, to 250 mm, flowers magenta; 11; Witteberg.
worcesterense L. Bolus - much-branched erect shrublet, to 300 mm, flowers pale pink; 11; Ceres?, Worcester (W Karoo?).
zygophylloides (L. Bolus) L. Bolus - sprawling shrublet, stems to 140 mm, flowers mustard yellow; 9-10; Clanwilliam, Piketberg.

EBERLANZIA ca 25 sp - S W Cape to Namibia, Karoo

horrescens (L. Bolus) L. Bolus - erect spiny shrublet, to 300 mm, flowers pink; 7-8; Little Karoo.
mucronifera (Haw.) Schwantes - erect spiny shrub, to 500 mm, flowers magenta; 9-10; Clanwilliam (S Namaqualand).
persistens (L. Bolus) L. Bolus - trailing spiny shrublet with stout woody base, flowers pink; 9-10; Clanwilliam.
triticiformis (L. Bolus) L. Bolus - spiny shrub, 300-600 mm, flowers magenta; 7-11; Little Karoo (S Namaqualand).

EREPSIA ca 40 sp - S W to E Cape

anceps (Haw.) L. Bolus - erect or spreading shrublet, 100-250 mm, flowers pink or magenta; 12-3; Tulbagh, Peninsula, Caledon.
aperta L. Bolus - mat-forming shrublet, flowers pink; 12-1; ledges at high alt., Tulbagh, Wellington, Worcester.

aspera (Haw.) L. Bolus - stiff shrub, to 700 mm, flowers magenta (or yellow?); 12-3; Clanwilliam, Paarl.
bracteata (Aiton) Schwantes - erect or spreading shrub, to 600 mm, flowers pink or magenta; mainly 1-4; Stellenbosch, Peninsula, Swellendam.
brevipetala L. Bolus - robust shrub to 200 mm, flowers magenta; 11-2; Piketberg, Malmesbury.
caledonica L. Bolus - erect shrublet, to 300 mm, flowers pale pink; 1-3; Caledon.
carterae L. Bolus - erect shrublet, to 250 mm, flowers magenta with white centre; 1-4; upper mountain slopes, Tulbagh, Ceres, Worcester, Malmesbury.
distans L. Bolus - erect shrublet, to 300 mm, flowers magenta; 12-3; Clanwilliam.
esterhuyseniae L. Bolus - slender perennial, to 100 mm, flowers magenta; 12-2; upper mountain slopes, Ceres, Paarl.
gracilis (Haw.) L. Bolus - slender shrublet, to 600 mm, flowers pink or magenta; 2-4; upper slopes, Ceres, Paarl, Pensinsula.
hallii L. Bolus - erect much-branched shrublet, to 200 mm, flowers white; 2-5; Darling.
heteropetala (Haw.) Schwantes - robust perennial, to 200 mm, flowers pale pink; 10-2; rock ledges, Worcester, Paarl, Stellenbosch.
inclaudens (Haw.) Schwantes - speading or prostrate shrublet, stems to 200 mm, flowers deep mauve; 10-12; Paarl, Caledon.
insignis (Schltr.) Schwantes - dwarf shrublet branched from the base, to 100 mm, flowers pink or red with purple stripes and spots; 10-11; Ceres, Paarl.
laxa L. Bolus - erect much-branched shrublet, to 300 mm, flowers magenta; 3-4; Paarl to Caledon.
levis L. Bolus - rigid erect shrublet, to 300 mm, flowers pink with white centre; 1-5; Cedarberg, Paarl, Robertson, Swellendam.
marlothii N.E. Br. - erect slender shrublet, to 400 mm, flowers pink; 12-3; Clanwilliam, Worcester.
mutabilis (Haw.) Schwantes - erect or spreading shrublet, 100-200 mm, flowers pinkish or cream; 8-2; upper slopes, Cape Peninsula.
oxysepala (Schltr. & A. Berger) L. Bolus - speading shrublet, to 200 mm, flowers pink; 12-1; upper slopes, Caledon.
pageae L. Bolus - shrublet to 300 mm, flowers violet or pink; 2-5; Cape Peninsula.
patula (Haw.) Schwantes - slender-stemmed shrublet, to 200 mm, flowers red with yellow centre; 1-3; Worcester, Stellenbosch.
pentagona (L. Bolus) L. Bolus - erect shrublet, 150-350 mm, flowers magenta; 10-2; Riversdale, Mossel Bay.
polita (L. Bolus) L. Bolus - erect shrublet, to 250 mm, flowers pink; 6; Ladismith (E Cape).
polypetala (A. Berger & Schltr.) L. Bolus - succulent perennial, to 200 mm, flowers white; 4; Caledon, Bredasdorp.
promontorii L. Bolus - erect slender shrublet, 100-150 mm, flowers magenta; 1; Peninsula, Hermanus.
ramosa L. Bolus - erect laxly branched shrublet, to 400 mm, flowers magenta; 3-6; Piketberg, Stellenbosch.
roseoalba L. Bolus - erect or spreading shrublet, to 250 mm, flowers pink; 2-5; Malmesbury.
saturata L. Bolus - erect shrublet, to 250 mm, flowers magenta; 2-5; Piketberg plateau.
serrata (L.) L. Bolus - succulent perennial, to 400 mm, flowers with red striped petals; 11-1; Ceres, Tulbagh.
simulans L. Bolus - (= **Lampranthus simulans** L. Bolus); slender erect shrublet, to 250 mm, flowers white; 10; coastal flats, Bredasdorp.
steytleriae L. Bolus - laxly branched shrublet, to 200 mm, flowers rose with white centre; 1-2; Caledon.

tuberculata N.E. Br. - shrublet with erect or spreading slender stems, 150-500 mm, flowers magenta; 11-5; mountain slopes, Clanwilliam, Peninsula, Swellendam, Montagu, Ladismith.
urbaniana (Schltr.) Schwantes - low shrublet, flowers pink; 1; Caledon.
villiersii L. Bolus - dense rounded shrub, to 1 m x 3 m, flowers dull pink; 12; Worcester.

ESTERHUYSENIA 1 sp - Worcester district, S W Cape

alpina L. Bolus - dwarf compact shrublet, 200-300 mm, flowers magenta; 12; rock ledges at high alt., Worcester.

FAUCARIA ca 33 sp - S and E Cape, Karoo

duncanii L. Bolus - acaulescent succulent with leaves in a rosette, flowers yellow; 3-6; Uitenhage (E Cape).
felina (Weston) Schwantes ex Jacobsen - acaulescent tufted succulent flowers golden-yellow; 3-6; Uitenhage (Karoo, E Cape).
lupina (Haw.) Schwantes - acaulescent succulent with leaves in a rosette, flowers golden-yellow; 3-7; Uitenhage (E Cape, Karoo).
uniondalensis L. Bolus - acaulescent tufted succulent, flowers yellow; 2-5; Uniondale.

GIBBAEUM ca 20 sp - S Cape, Little and W Karoo

album N.E. Br. - (volstruistone); whitish acaulescent succulent, flowers white or pink; 12; limestone, Little Karoo.
angulipes (L. Bolus) N.E. Br. - bluish-green acaulescent succulent, flowers pinkish-purple; 7-12; Riversdale.
blackburnii L. Bolus - stone-coloured acaulescent succulent, flowers magenta; 9-10; Little Karoo.
comptonii (L. Bolus) L. Bolus - acaulescent succulent, flowers magenta; 9-10; Little Karoo (Karoo).
dispar N.E. Br. - (duimpie-snuif, pappegaaibek); clumped acaulescent succulent, flowers pink or mauve-red; 4; Little Karoo.
esterhuyseniae L. Bolus - compact succulent, flowers pink; 10-11; Robertson, Swellendam.
geminum N.E. Br. - dwarf cushion-like succulent, flowers red or magenta; 6-9; Little Karoo.
gibbosum (Haw.) N.E. Br. - deep green acaulescent succulent, flowers pink to purple; 8; Montagu (Karoo).
heathii (N.E. Br.) L. Bolus - (hondebal, volstruiswater); mat-forming acaulescent succulent, flowers cream or pinkish; 6-7; Little Karoo.
luckhoffii L. Bolus - acaulescent succulent, flowers pink; 10; Swartberg Mts., Ladismith.
nebrownii Tischer - (= **Imitaria muirii** N.E. Br.); clumped acaulescent succulent, flowers pink; 10; shale slopes and flats, Ladismith.
pachypodium (Kensit) L. Bolus - cushion-forming acaulescent succulent, flowers pink; 11-12; Little Karoo.
petrense (N.E. Br.) Tischer - (mimicry plant); dwarf clumped acaulescent succulent, flowers magenta; 9-10; quartz patches, Little Karoo.
pilosulum (N.E. Br.) N.E. Br. - clumped acaulescent succulent, flowers bright pink; 7-8; Little Karoo.
pubescens (Haw.) N.E. Br. - (incl. **G. shandii** N.E. Br.) (visbekvygie); clumped acaulescent succulent, flowers reddish; 6-8; often in quartzite patches, Montagu, Ladismith.

velutinum (L. Bolus) Schwantes - mat-forming acaulescent succulent, flowers white or pink; 10-11; Little Karoo.

GLOTTIPHYLLUM ca 55 sp - Cape, Karoo, eastern S Africa

apiculatum N.E. Br. - green stemless succulent, flowers yellow; 5; Little Karoo.
armoedense Schwantes - stemless succulent, flowers yellow; 6-7; Little Karoo.
arrectum N.E. Br. - stemless succulent, flowers yellow; 3-4; Little Karoo (Karoo).
barrydalense Schwantes - stemless succulent, with short leaves, flowers yellow; ?; Barrydale (poorly known).
buffelsvleyense Schwantes - short-stemmed succulent, flowers yellow and scented; ?; Ladismith (poorly known).
cilliersiae Schwantes - short-stemmed succulent, flowers yellow; 5; Little Karoo.
compressum L. Bolus - stemless succulent, flowers yellow; 3-5; Little Karoo.
concavum N.E. Br. - stemless succulent, flowers yellow; 4-7; Montagu, Humansdorp.
cruciatum (Haw.) N.E. Br. - stemless succulent, flowers yellow; 7; Little Karoo.
depressum N.E. Br - stemless succulent, flowers yellow; 7-8; Humansdorp.
fergusoniae L. Bolus - stemless succulent, flowers yellow; 3-4; Little Karoo.
fragrans (Salm-Dyck) Schwantes - stemless succulent, flowers yellow; 3-5; Little Karoo.
framesii L. Bolus - stemless succulent, flowers yellow; 7; Caledon to Bredasdorp.
haagei Tischer - mat-forming stemless succulent, flowers yellow; ?; Oudtshoorn (poorly known).
herrei L. Bolus - stemless succulent, flowers yellow, occ. white; 4-5; Worcester, Little Karoo.
jordaanianum Schwantes - dwarf stemless succulent, flowers yellow; ?; Little Karoo.
latifolium N.E. Br. - stemless succulent, flowers yellow; 5; Little Karoo, Mossel Bay.
latum (Salm-Dyck) N.E. Br. - stemless succulent, flowers yellow; 10-12; Riversdale to Mossel Bay.
linguiforme (L.) N.E. Br. - stemless succulent, flowers yellow; 3-6; Oudtshoorn.
longum (Haw.) N.E. Br. - stemless succulent, flowers yellow; 11; Uitenhage, Port Elizabeth (E Cape).
marlothii Schwantes - stemless succulent, flowers yellow; 4-6; Uniondale.
muirii N.E. Br. - stemless succulent, flowers yellow; 6-7; Little Karoo.
parvifolium L. - stemless succulent, flowers yellow; 3-4; Little Karoo.
platycarpum L. Bolus - stemless succulent, flowers yellow; 5; Riversdale.
proclive (Salm-Dyck) N.E. Br. - stemless succulent, flowers yellow; 4-6; Barrydale, Swellendam, Worcester.
propinquum N.E. Br. - stemless succulent, flowers yellow; ?; Mossel Bay.
regium N.E. Br. - stemless succulent, flowers yellow; 7-10; Little Karoo.
ryderae Schwantes - stemless succulent, flowers yellow; ?; Little Karoo.
salmii (Haw.) N.E. Br. - stemless succulent, flowers yellow; 3-4; Little Karoo.
starkeae L. Bolus - stemless succulent, flowers yellow; 7-9; Uniondale.
suave N.E. Br. - stemless succulent, flowers yellow; ?; Ladismith.
surrectum (Haw.) L. Bolus - stemless succulent, flowers yellow; 4-6; Little Karoo.
taurinum (Haw.) N.E. Br. - stemless succulent, flowers yellow; 6-7; Little Karoo.
uniondalense L. Bolus - stemless succulent, flowers yellow; 5-10; Uniondale.

HEREROA ca 34 sp - Namibia, Karoo, S to E Cape

acuminata L. Bolus - tufted dwarf shrublet, to 50 mm, flowers yellow with reddish reverse; 10; Ladismith.

aspera L. Bolus - shrublet to 80 mm, flowers yellow with reddish reverse; 1-2; Little Karoo, Swellendam.
gracilis L. Bolus - cushion-like succulent, to 50 mm, flowers yellow with reddish reverse; 3-4; Little Karoo.
muirii L. Bolus - (clock plant); low branched succulent, to 100 mm, flowers yellow; 2; Little Karoo, Swellendam.
odorata (L. Bolus) L. Bolus - dwarf shrublet, flowers yellow with red-tipped petals, fragrant; 9-10; Little Karoo, Swellendam (Karoo).
tenuifolia L. Bolus - branched shrublet, to 250 mm, flowers yellow with redddish reverse, fragrant; 2-3; Robertson, Barrydale.

HERREA ca 24 sp - S W Cape, N Cape, Namaqualand

albolutea L. Bolus - prostrate succulent with cylindric leaves, to 200 mm, flowers white and yellow; 9; Nieuwoudtville.
caledonica L. Bolus - prostrate succulent with cylindric leaves, to 300 mm, flowers yellow or golden yellow; 9; Caledon.
excavata L. Bolus - prostrate succulent with cylindric leaves, to 250 mm, flowers white; 9; Nieuwoudtville.
obtusa L. Bolus - prostrate succulent with cylindric leaves, to 400 mm, flowers yellow with golden tips; 10; Robertson.
plana L. Bolus - prostrate succulent with cylindric leaves, 170-250 mm, flowers yellow; 8-10; Robertson.
ronaldii L. Bolus - prostrate succulent with cylindric leaves, to 180 mm, flowers yellow; 10; Worcester (Karoo).
stipitata L. Bolus - prostrate succulent with cylindric leaves, to 300 mm, flowers whitish; 10; Robertson.

HYMENOGYNE 2 sp - S W Cape to S Namaqualand

conica L. Bolus - erect or prostrate annual succulent, 100-300 mm, flowers yellow; 8-10; Clanwilliam (S Namaqualand).
glabra (Aiton) Haw. - prostrate annual succulent, flowers yellow or straw-coloured; 9-10; coastal sand, Malmesbury.

KENSITIA 1 sp - Piketberg, S W Cape

pillansii (Kensit) N.E. Br. - erect succulent shrublet, 300-600 mm, flowers magenta; 8-9; Piketberg.

LAMPRANTHUS ca 60 sp - S W to E Cape, S Namibia, 1 in Australia

acutifolius (L. Bolus) N.E. Br. - dwarf shrublet, to 200 mm, flowers pink; 1; Malmesbury.
algoensis L. Bolus - erect shrublet, to 350 mm, flowers scarlet; 10; Port Elizabeth.
alpinus (L. Bolus) Glen ined. - shrublet to 400 mm, flowers pale pink to magenta; 10-12; upper mountain slopes, Worcester.
amoenus (Salm-Dyck ex DC.) N.E. Br. - shrublet to 400 mm, flowers white to purple; 7-10; sandy flats, Nieuwoudtville, Clanwilliam to Peninsula, Riversdale (Namaqualand, Karoo).
antonii L. Bolus - clumped perennial; to 60 mm, flowers pale pink; 8-9; Ceres.
arbuthnotiae (L. Bolus) L. Bolus - (rankvygie); mat-forming perennial, flowers magenta; 8-10; Darling, Peninsula to Bredasdorp, Swellendam.
bicolor (L.) N.E. Br. - erect shrub, to 500 mm, flowers yellow with scarlet or copper reverse; 10-12; Tulbagh, Peninsula to Bredasdorp.

calcaratus (Wolley-Dod) N.E. Br. - erect shrublet, to 400 mm, flowers pink to magenta; 6-9; Peninsula, Caledon (W Karoo).
coccineus (Haw.) N.E. Br. - erect shrublet, to 250 mm, flowers white to magenta, occ. coppery; 9-12; Clanwilliam to Peninsula, Caledon to Humansdorp (Namaqualand).
comptonii (L. Bolus) N.E. Br. - (= **L. ornatus** L. Bolus) (rooivygie); erect shrublet, to 300 mm, flowers white to pale pink; 6-9; Gifberg to Piketberg (Namaqualand).
copiosus (L. Bolus) L. Bolus - spreading shrublet, to 300 mm, flowers pink; 10-11; Piketberg.
deltoides (L.) Glen ined. - (= **Oscularia deltoides** (L.) Schwantes); spreading shrublet with dentate leaves, to 350 mm, flowers pink; 10-12; Worcester, Tulbagh, Caledon to Riversdale.
dependens (L. Bolus) L. Bolus - spreading shrub, to 300 mm, flowers pink; 9-1; Worcester, Montagu, Uniondale, Humansdorp (E Cape).
diffusus (L. Bolus) N.E. Br. - erect shrublet, to 300 mm, flowers white to magenta; 9-11; Ceres, Worcester, Bredasdorp, Uniondale, Humansdorp.
dregeanus (Sonder) N.E. Br. - erect shrublet, to 600 mm, flowers white; 9-12; Tulbagh.
dunensis (Sonder) L. Bolus - mat-forming succulent, to 70 mm, flowers white; 9-12; sand dunes, Peninsula, Caledon (S Namaqualand).
falciformis (Haw.) N.E. Br. - spreading shrublet, to 400 mm, flowers pink; 10-2; flats or slopes, Tulbagh, Peninsula, Caledon.
filicaulis (Haw.) N.E. Br. - mat-forming succulent, to 100 mm, flowers magenta; 6-9; Worcester, Peninsula.
furvus (L. Bolus) N.E. Br. - erect shrublet, to 200 mm, flowers magenta to purple; 11-2; Clanwilliam, Worcester, Ceres to Peninsula, Caledon.
glaucus (L.) N.E. Br. - variable spreading shrublet, to 200 mm, flowers yellow, orange or white; 8-11; Gifberg to Peninsula, Worcester to Bredasdorp.
haworthii (Donn ex Haw.) N.E. Br. - shrublet to 400 mm, flowers magenta to purple; 8-10; Clanwilliam, Worcester, Little Karoo (Karoo).
laetus (L. Bolus) L. Bolus - robust erect shrublet, to 200 mm, flowers pink or magenta; 10-12; Montagu.
laxifolius (L. Bolus) N.E. Br. - shrublet to 300 mm, flowers pink to magenta; 12-3; Swellendam, Riversdale.
lunatus (Willd.) N.E. Br. - (vleibos); shrublet to 250 mm, flowers white to pink with darker centre; 9-11; Gifberg, Clanwilliam to Saldanha (W Karoo).
macrocarpus (A. Berger) N.E. Br. - spreading or mat-forming succulent, to 250 mm, flowers white, scarlet or purple; 9-12; Gifberg to Peninsula, Caledon to Mossel Bay, Worcester (Namaqualand, Karoo, E Cape).
mariae (L. Bolus) L. Bolus - shrublet to 200 mm, flowers white; 9-10; Cedarberg (W Karoo).
maximiliani (Schltr. & A. Berger) L. Bolus - dwarf shrublet, to 90 mm, flowers pink; 7-9; Nieuwoudtville to Clanwilliam (W Karoo).
multiradiatus (Jacq.) N.E. Br. - spreading shrublet, to 250 mm, flowers pink to magenta; 8-11; Worcester, Peninsula, Humansdorp (Namaqualand).
mutans (L. Bolus) N.E. Br. - shrublet to 200 mm, flowers pink to scarlet-pink; 10-11; Humansdorp, Port Elizabeth.
peersii (L. Bolus) N.E. Br. - shrublet to 350 mm, flowers golden-coppery; 7-10; Darling (S Namaqualand).
plenus (L. Bolus) L. Bolus - shrublet to 300 mm, flowers white to pink; 8-11; Clanwilliam, Piketberg.
pocockiae (L. Bolus) N.E. Br. - low shrublet, to 170 mm, flowers pink to magenta; 8-1; Clanwilliam, Worcester to Ladismith (Namaqualand).
prasinus L. Bolus - dwarf spreading shrublet, to 120 mm, flowers magenta; 10; Clanwilliam.

primivernus (L. Bolus) L. Bolus - spreading shrublet, to 220 mm, flowers white to pink; 7-10; Clanwilliam.
productus (Haw.) N.E. Br. - shrublet to 300 mm, flowers white to pink; 1-12; Uitenhage, Port Elizabeth (E Cape).
promontorii (L. Bolus) N.E. Br. - shrublet to 200 mm, flowers light yellow; 8-1; Cape Peninsula.
reptans (Sol.) N.E. Br. - mat-forming succulent, flowers white to yellow; 7-10; Clanwilliam to Peninsula, Worcester to George.
scaber (L.) N.E. Br. - shrublet to 250 mm, flowers white or magenta; 8-12; Nieuwoudtville to Port Elizabeth (Karoo, Namaqualand).
schlechteri (Zahlbr.) L. Bolus - shrublet to 250 mm, flowers white to scarlet; 9-11; Paarl.
sociorum (L. Bolus) N.E. Br. - mat-forming succulent, to 100 mm, flowers white to magenta with dark centre; 9-11; Clanwilliam to Darling, Worcester?, Riversdale.
spectabilis (Haw.) N.E. Br. - variable spreading shrublet, to 300 mm, flowers white to purple; 1-12; Clanwilliam, Uitenhage, Port Elizabeth (Namaqualand, Karoo, E Cape, Natal).
spiniformis (Haw.) N.E. Br. - shrublet to 250 mm, flowers pink, scarlet or magenta; 5-8; Gifberg, Malmesbury to Peninsula, George.
stipulaceus (L.) N.E. Br. - shrublet to 500 mm, flowers white to magenta; 8-11; Peninsula, Riversdale, Uniondale to Port Elizabeth.
tegens (F. Muell.) N.E. Br. - mat-forming succulent, to 60 mm, flowers pink to magenta; 9-11; Clanwilliam to Peninsula, Caledon, Bredasdorp (Australia).
tenuifolius (L.) N.E. Br. - spreading or mat-forming succulent, to 200 mm, flowers pale to deep pink; Piketberg to Peninsula, Caledon, Bredasdorp.
tulbaghensis (A. Berger) N.E. Br. - shrublet to 350 mm, flowers white to magenta; 10-2; Gifberg to Worcester, Witteberg, Swartberg Mts., Caledon.
vallis-gratiae (Schltr. & A. Berger) N.E. Br. - shrublet to 300 mm, flowers white to magenta; 11-4; Piketberg, Malmesbury, Caledon, Riversdale (Karoo?).
vanzijliae (L. Bolus) N.E. Br. - mat-forming succulent, to 150 mm, flowers yellow to red; 8-11; Clanwilliam to Darling, Worcester, Caledon.
wordsworthiae (L. Bolus) N.E. Br. - mat-forming succulent, to 80 mm, flowers pink; 2-4; Caledon.

LEIPOLDTIA ca 20 sp - S W Cape, Little Karoo, Karoo to Namibia

amplexicaulis (L. Bolus) L. Bolus - prostrate shrublet, flowers purplish-pink; 4-7; Clanwilliam (Namaqualand, Karoo).
britteniae (L. Bolus) L. Bolus - spreading shrublet, to 300 mm, flowers purplish; 7; Robertson, Mossel Bay (Karoo).
calandra (L. Bolus) L. Bolus - prostrate shrublet, flowers pale pink; 8; George, Humansdorp.
constricta (L. Bolus) L. Bolus - robust shrublet, to 250 mm, flowers pink to magenta; 7-9; Nieuwoudtville, Clanwilliam (Namaqualand).
herrei (Schwantes) L. Bolus - decumbent shrublet, flowers pink or white; 9; Robertson.
jacobseniana Schwantes - shrublet to 200 mm, flowers bright magenta; 9; Ceres, Worcester, Robertson.

MACHAIROPHYLLUM ca 9 sp - S W Cape to E Cape

acuminatum L. Bolus - tufted succulent with pale green leaves, to 40 mm, flowers golden-yellow; 11; Uniondale, Humansdorp.

albidum (L.) Schwantes - tufted succulent with whitish leaves, to 100 mm, flowers yellow with reddish reverse; 11-12; Robinsons Pass, Oudtshoorn.
baxteri L. Bolus - tufted succulent with bluish-green leaves, to 70 mm, flowers red; 8; George.
bijlii (N.E. Br.) L. Bolus - tufted succulent with light green leaves, to 20 mm, flowers golden-yellow with red reverse; 10; Swartberg Pass (Karoo).
brevifolium L. Bolus - tufted succulent with greyish-green leaves, to 15 mm, flowers yellow; 8-9; Oudtshoorn.
cookii (L. Bolus) Schwantes - tufted succulent with bluish-green leaves, to 80 mm, flowers greenish-yellow; 10-11; Barrydale.
latifolium L. Bolus - tufted succulent with pale bluish leaves, to 30 mm, flowers yellow; 2; Oudtshoorn.
stayneri L. Bolus - tufted succulent with blue-green leaves, to 80 mm, flowers yellow with darker reverse; 8-9; Uitenhage.

MALEPHORA ca 15 sp - Namibia, Karoo, S W to E Cape

crassa (L. Bolus) H.J. Jacobsen - prostrate succulent, flowers golden-yellow; 8-12; Clanwilliam (Karoo).
crocea (Jacq.) Schwantes - erect shrublet, to 200 mm, flowers red; 5-9; Nieuwoudtville, Saldanha Bay (N Cape, Namaqualand).
framesii (L. Bolus) H.J Jacobsen & Schwantes - prostrate succulent, stems to 300 mm, flowers yellow; 8-10; Piketberg, Saldanha (S Namaqualand).
lutea (Haw.) Schwantes - sprawling shrublet, flowers yellow; 6-12; Little Karoo, Port Elizabeth? (Karoo).
luteola (Haw.) Schwantes - spreading often prostrate shrublet, flowers yellow; 8-9; Little Karoo (Karoo).
thunbergii (Haw.) Schwantes - prostrate succulent, flowers yellow; 8-11; Malmesbury, Riversdale, Uitenhage (Karoo, E Cape).
uitenhagensis (L. Bolus) H.J. Jacobsen & Schwantes - mat-forming succulent, stems to 400 mm, flowers yellowish or coppery-red; 4-9; Little Karoo, Uitenhage, Port Elizabeth (E Cape).

MESEMBRYANTHEMUM ca 70 sp - dry parts of southern Africa, Mediterranean, S Australia, California

aitonis Jacq. - sprawling annual, to 350 mm long, flowers cream; 9-1; Bredasdorp?, George to Port Elizabeth (E Cape).
alatum (L. Bolus) L. Bolus - robust succulent perennial?, to 700 mm, flowers pale pink; 9-11; Clanwilliam, Piketberg to Malmesbury.
cryocalyx L. Bolus - lax shrublet, to 300 mm, flowers white; 9; Ladismith, Worcester, Humansdorp.
crystallinum L. - (ice plant, brakslaai, slaaibos); coarse spreading biennial, flowers white; 11-12; widespread in S W Cape (Namibia, introduced in Mediterranean, Australia, California).
galpinii (L. Bolus) L. Bolus - much-branched annual, flowers white; 11-12; Nieuwoudtville.
intransparens L. Bolus - robust prostrate succulent perennial, branches to 500 mm, flowers white; 12-1; Clanwilliam (S Namaqualand, Karoo).
louiseae (L. Bolus) L. Bolus - creeping small-leafed succulent, flowers white; 9-11; Caledon to Riversdale.
macrostigma L. Bolus - erect shrublet, to 350 mm, flowers white; 9-12; Ladismith.
nodiflorum L. Bolus - much-branched annual, to 150 mm, flowers white; 10-11; Worcester, Clanwilliam to Peninsula, Caledon, Uitenhage (Namaqualand, introduced in Eurasia, California).

paucandrum L. Bolus - (brakslaai); much-branched succulent perennial, to 250 mm, flowers white or pink; 12; Little Karoo (Karoo).
paulum (N.E. Br.) L. Bolus - creeping succulent, to 250 mm, flowers white; ?; Riversdale.
perlatum Dinter - (= **M. magniflorum** L. Bolus); robust annual, to 250 mm, flowers white; 10-11; Worcester, Little Karoo (Karoo to Namibia).
purpureo-roseum L. Bolus - slender succulent, to 50 mm, flowers magenta; 1; Little Karoo.
quinangulatum L. Bolus - erect shrublet, to 120 mm, flowers pale pink; 12; Ladismith.
suffruticosum L. Bolus - erect shrublet, to 350 mm, flowers pale pink; 11-1; Malmesbury.

MESTOKLEMA ca 6 sp - S to E Cape, Karoo, S Namibia

tuberosum (L.) N.E. Br. - tuberous much-branched shrublet, flower-heads spinescent, flowers reddish; 2-6; Humansdorp (Karoo).

MICROPTERUM ca 7 sp - W Cape, Karoo, Namaqualand

herrei Schwantes - prostrate papillose annual, flowers pink; ?; Peninsula?, Caledon.
papulosum (L.f.) Schwantes - trailing papillose succulent, flowers cream or yellow; 9-10; Nieuwoudtville, Malmesbury.

MUIRIA 1 sp - Little Karoo

hortenseae N.E. Br. - acaulescent clump-forming dwarf succulent, flowers white to mauve; 1; local in Little Karoo.

OCTOPOMA ca 8 sp - S W Cape to Namaqualand

abruptum (A. Berger) N.E. Br. - stiffly erect shrublet, to 200 mm, flowers yellow or red?; ?; Clanwilliam.
calycinum (L. Bolus) L. Bolus - much-branched shrublet, to 90 mm, flowers white; 12-2; Riversdale.
octojuge (L. Bolus) N.E. Br. - much-branched shrublet, 50-100 mm, flowers white; 11; Riversdale.
rupigena (L. Bolus) L. Bolus - compact shrublet, to 200 mm, flowers bright pink; 9; Clanwilliam.

OSCULARIA
(see **Lampranthus deltoides**)

PLATYTHYRA 1 sp - S Cape

haekeliana (A. Berger) N.E. Br. - creeping flat cushion-like perennial, flowers pale yellow; 12; Humansdorp, Uitenhage.

PLEIOSPILOS ca 35 sp - Little Karoo, Karoo, OFS

brevisepalus L. Bolus - dwarf stemless succulent perennial, flowers dark yellow; 4-5; Uniondale.
fergusoniae L. Bolus - stemless succulent perennial with blue-green leaves, to 70 mm, flowers dark yellow; ?; Little Karoo.

grandiflorus L. Bolus - stemless succulent perennial with bluish leaves, to 80 mm, flowers pale yellow; ?; Swartberg Mts.? (Karoo?).
hilmari L. Bolus - stemless succulent with reddish leaves, to 25 mm, flowers golden-yellow; 7; Ladismith.
kingiae L. Bolus - stemless succulent perennial, to 50 mm, flowers yellow; ?; Uniondale.
leipoldtii L. Bolus - stemless succulent perennial with dull green leaves, to 70 mm, flowers yellow with white centre; 6; Little Karoo.
nobilis (Haw.) Schwantes - mat-forming succulent with dull green leaves, to 60 mm, flowers yellow; 4-5; Oudtshoorn (Karoo).
optatus (N.E. Br.) Schwantes - stemless succulent perennial with spotted leaves, to 44 mm, flowers light yellow; 4-7; Little Karoo.

PRENIA ca 5 sp - S W Cape to S Namibia

pallens (Aiton) N.E. Br. - prostrate succulent with densely leafy crown, flowers white, pink or yellow; 9-12; Clanwilliam to Peninsula (Namaqualand).
relaxata (Willd.) N.E. Br. - prostrate succulent, flowers pink; 10-4; Clanwilliam, Malmesbury (S Namaqualand, Karoo).
vanrensburgii L. Bolus - prostrate succulent, stems to over 1 m, flowers white; 10; Bredasdorp.

PSILOCAULON ca 70 sp - S W to E Cape, Karoo to S Namibia

acutisepalum (A. Berger) N.E. Br. - (loogasbossie); erect or spreading shrublet to 400 mm, flowers magenta; 10-2; Clanwilliam (Karoo, S Namaqualand, E Cape).
articulatum (Thunb.) Schwantes - (asbos, seepbossie); slender succulent with jointed stems, to 400 mm, flowers whitish; 9-1; Montagu, Uitenhage (Karoo, N Cape, Namaqualand, Namibia).
framesii L. Bolus - spreading shrublet, flowers white; 9-10; Ladismith.
hirtellum L. Bolus - erect shrublet, to 300 mm, flowers magenta; 11-12; Saldanha Bay, Malmesbury.
imitans L. Bolus - sprawling shrublet, flowers pink; 10-11; granite hills, Malmesbury.
junceum (Haw.) Schwantes - (grootlidjies, seepbossie); shrublet with jointed stems, to 1 m, flowers white; 11-1; Montagu, Swellendam (Karoo, Namaqualand).
lewisiae L. Bolus - prostrate shrublet with jointed stems, flowers pink; 12; Swellendam, Uniondale.
mentiens (A. Berger) N.E. Br. - rounded shrublet, to 1,5 m, flowers white, pink or red; 1; Worcester, Uitenhage (Namaqualand, Namibia).
oculatum L. Bolus - shrub to 1 m, flowers pink with white centre; 11-12; Clanwilliam.
pageae L. Bolus - spreading shrublet, flowers mauve to pink; 10; George, Uniondale (S Namaqualand).
parviflorum (Jacq.) Schwantes - (asbos, loogbossie); slender-stemmed shrublet, to 300 mm, flowers white; 10-12; Peninsula (extinct?) to Mossel Bay (E Cape?).
subintegrum L. Bolus - sprawling shrublet, to 300 mm, flowers pink; ?; Malmesbury.
utile L. Bolus - erect shrublet, to 450 mm, flowers pink; 10-11; Worcester, Uniondale (Karoo).

RHINEPHYLLUM ca 12 sp - Little Karoo, Karoo

muirii N.E. Br. - prostrate succulent, flowers yellow and orange; 10-11; Little Karoo.

RUSCHIA ca 350 sp - dry parts of southern Africa

altigena (L. Bolus) L. Bolus - prostrate succulent, flowers magenta; 9-12; upper slopes, Hex River, Swartberg and Witteberg Mts.
amicorum (L. Bolus) Schwantes - robust shrublet, to 400 mm, flowers magenta; 4-9; Worcester, Montagu, Cold Bokkeveld.
approximata (L. Bolus) Schwantes - laxly branched shrublet, to 150 mm, flowers pink; 11; Worcester to Ladismith.
archeri L. Bolus - succulent shrublet, to 300 mm, flowers magenta; 7; Barrydale district (S Karoo).
arenosa L. Bolus - stiff shrublet, to 200 mm, flowers pink; 9; Nieuwoudtville.
aristata L. Bolus - robust stiff erect shrublet, to 600 mm, flowers red or yellow; 9-11; Uitenhage.
biformis (N.E. Br.) Schwantes - mat-forming succulent, to 25 mm high; flowers ?; ?; Swellendam (poorly known).
bina L. Bolus - erect shrublet, to 90 mm, flowers pink; 8-9; Clanwilliam, Malmesbury.
bolusiae Schwantes - stiff robust shrublet, to 120 mm, flowers pink; 5, 9; Gifberg, Clanwilliam (S Namaqualand).
brevicarpa L. Bolus - mat-forming succulent, to 20 mm, flowers pink; 10; rock outcrops at high alt., Clanwilliam.
brevicollis (N.E. Br.) Schwantes - mat-forming succulent, flowers pink; ?; Ladismith.
brevicyma L. Bolus - erect shrublet, to 450 mm, flowers pink with darker stripe; 9-12; Worcester.
burtoniae L. Bolus - stiff erect shrublet, to 250 mm, flowers pink; 5-6; Nieuwoudtville.
calcicola (L. Bolus) L. Bolus - prostrate succulent, flowers magenta; 7; limestone, Bredasdorp, Riversdale.
capornii (L. Bolus) L. Bolus - erect shrublet, to 300 mm, flowers magenta; 3-4; Clanwilliam, Tulbagh (Namaqualand).
carolii (L. Bolus) Schwantes - spreading shrub, flowers magenta; 8-9; Clanwilliam, Robertson, Piketberg, Montagu (S Namaqualand).
cedarbergensis L. Bolus - erect shrublet, to 350 mm, flowers magenta; 9; Cedarberg.
ceresiana Schwantes - erect shrublet, to 600 mm, flowers magenta; 6-11; Worcester (W Karoo).
cincta (L. Bolus) L. Bolus - prostrate succulent, flowers pink and red; 8; Little Karoo.
concava L. Bolus - spreading shrublet, flowers magenta; 8-9; Nieuwoudtville, Ladismith (W Karoo).
concinna L. Bolus - erect shrublet, to 70 mm, flowers pale pink or magenta; 6-7; Nieuwoudtville, Piketberg, Malmesbury.
condensa (N.E. Br.) Schwantes - low shrublet, flowers pink; ?; Montagu.
congesta (Haw.) Schwantes - sprawling shrublet, flowers pink; 6; Port Elizabeth (E Cape).
constricta L. Bolus - much-branched shrublet, flowers pale pink with darker reverse; ?; Bredasdorp to Riversdale.
copiosa L. Bolus - cushion-forming much-branched shrublet, to 300 mm, flowers magenta; 9; Gifberg, Clanwilliam.
costata L. Bolus - prostrate shrublet, flowers magenta; 8; Little Karoo.
cupulata (L. Bolus) Schwantes - robust erect shrublet, to 200 mm, flowers pink or white; 10-12; Piketberg, Malmesbury.
cymbifolia (Haw.) L. Bolus - sprawling shrublet, flowers ?; 5-7; Riversdale, Mossel Bay.

dasyphylla (Schltr.) Schwantes - dense shrublet to 200 mm, flowers magenta?; 8; upper slopes and plateaus, Gifberg, Lokenburg, Ceres (W Karoo).
decumbens L. Bolus - robust shrublet with prostrate stems, flowers magenta; 12; Ladismith.
decurvans L. Bolus - robust erect shrub, to 1 m, flowers magenta-striped; 9-10; Clanwilliam (S Namaqualand).
densiflora L. Bolus - rounded shrub, 450 mm x 1,2 m, flowers mauve; 11; Clanwilliam.
dichroa (Rolfe) L. Bolus - prostrate shrublet with robust stems, flowers white to pink; 5-7; Clanwilliam.
distans (L. Bolus) L. Bolus - erect shrublet, to 150 mm, flowers magenta; 5; Clanwilliam.
diversifolia L. Bolus - prostrate succulent, flowers magenta; 5-6; Worcester.
drepanophylla (Schltr. & A. Berger) L. Bolus - shrublet to 150 mm, flowers magenta; 8-10; upper slopes, Cedarberg.
dubitans (L. Bolus) L. Bolus - stiff prostrate shrublet, to 160 mm, flowers pink; 6-8; Gifberg, Clanwilliam, Hex River Mts. (W Karoo).
duplessiae L. Bolus - robust shrublet, flowers pale pink with red stripes; ?; Oudtshoorn.
duthiae (L. Bolus) Schwantes - creeping succulent, flowers magenta with darker stripe; 9; Knysna.
esterhuyseniae L. Bolus - erect shrublet, to 170 mm, flowers magenta; 11; Uniondale.
exigua L. Bolus - compact shrublet, flowers pink; 7; Montagu.
fergusoniae L. Bolus - mat-forming succulent, flowers magenta with white centre; 9; Little Karoo.
festiva (N.E. Br.) Schwantes - spreading shrub, to 300 mm; 9-11; Langebaan (S Namaqualand).
filamentosa (L.) L. Bolus - spreading shrublet, flowers pink; 5-8; coastal sand, Cape Peninsula.
filipetala L. Bolus - erect shrub, to 450 mm, flowers mauve; 9-10; Clanwilliam.
forficata (L.) L. Bolus - prostrate succulent, flowers magenta with purple stripe; 5-6; Swellendam.
fourcadei (L. Bolus) N.E. Br. - shrublet, 300-600 mm, flowers pink; 1; Ladismith, Uniondale.
frederici (L. Bolus) L. Bolus - spreading shrub, to 500 mm, flowers purple; 9-10; Clanwilliam, Worcester, Tulbagh.
geminiflora (Haw.) Schwantes - prostrate spreading succulent, flowers pink or rose; 8-9; Cape Peninsula.
gracillima L. Bolus - slender shrublet, to 250 mm, flowers magenta; 9; Nieuwoudtville.
gracilis L. Bolus - erect or spreading shrublet, to 450 mm, flowers magenta; 9; often on limestone, Clanwilliam to Peninsula, Bredasdorp, Riversdale.
granitica (L. Bolus) L. Bolus - slender prostrate spreading succulent, flowers pink; 9; Saldanha Bay to Malmesbury (Namaqualand).
grisea (L. Bolus) Schwantes - spreading shrublet, to 300 mm, flowers pale pink; 10-11; Little Karoo (Karoo).
hamatilis L. Bolus - prostrate succulent, flowers magenta, striped below; 6-9; Worcester.
hutchinsonii L. Bolus - sprawling shrublet, flowers pink; 9?; Malmesbury (Namaqualand).
impressa L. Bolus - compact shrublet, to 60 mm, flowers pink; 11-12; Little Karoo (Karoo).
inclaudens L. Bolus - compact shrublet, flowers magenta; 9; high peaks, Robertson, Worcester.

incumbens L. Bolus - robust erect shrublet, to 450 mm, flowers pink; 9-10; Clanwilliam (S Namaqualand).
incurvata L. Bolus - erect robust shrub, to 500 mm, flowers pink; 9-10; Gifberg, Clanwilliam (S Namaqualand).
insidens L. Bolus - much-branched shrublet, to 100 mm, flowers pink; 4; Nieuwoudtville, Gifberg.
intermedia L. Bolus - stiff shrublet, to 250 mm, flowers magenta, striped; 10; upper slopes, Piketberg, Worcester.
intervallaris L. Bolus - rigid branched shrublet, to 280 mm, flowers magenta; 4-5; Clanwilliam (S Namaqualand).
intrusa (Kensit) L. Bolus - low shrublet, to 70 mm, flowers red-magenta; 6-7; Worcester, Robertson, Swellendam.
klipbergensis L. Bolus - erect lax shrublet, to 500 mm, flowers pink; 3-7; Darling.
knysnana (L. Bolus) L. Bolus - erect shrublet, to 400 mm, flowers pink or pale magenta; 1-3; Knysna.
langebaanensis L. Bolus - stiff prostrate robust shrublet, flowers magenta; 8-9; Clanwilliam, Malmesbury.
lapidicola L. Bolus - much-branched shrublet, to 300 mm, flowers magenta; 7-10; upper slopes, Gifberg, Clanwilliam.
lavisii L. Bolus - erect shrublet, to 400 mm, flowers magenta; 8; Gordons Bay.
leipoldtii L. Bolus - compact shrublet, flowers magenta; 8-10; Worcester, Little Karoo.
leptocalyx L. Bolus - prostrate shrublet, to 80 mm, flowers red; 7-8; Riversdale.
leptophylla L. Bolus - dense shrub, flowers salmon-pink; 7-9; Caledon, Bredasdorp.
limbata (L. Bolus) Schwantes - mat-forming succulent, flowers magenta; ?; Saldanha Bay.
lineolata (Haw.) Schwantes - low much-branched shrublet, flowers white or purple; 8-9; Caledon, Riversdale, Humansdorp.
lokenbergensis L. Bolus - erect shrublet, to 150 mm, flowers brilliant pink; 5; Lokenburg.
longifolia L. Bolus - cushion-forming succulent with grass-like leaves, flowers magenta; ?; Little Karoo.
macowanii (L. Bolus) Schwantes - sprawling shrublet, to 250 mm, flowers rose or purple; 8-10; coastal rocks, Malmesbury, Peninsula, Bredasdorp.
macrophylla L. Bolus - robust shrub, flowers pale pink with brownish stripe; 7-8; Little Karoo.
mathewsii L. Bolus - rigid shrublet, to 180 mm, flowers pink; 4-6; Malmesbury.
maxima (Haw.) L. Bolus - rigid shrub, to 300 mm, flowers pink; 7; Clanwilliam.
maxarellii L. Bolus - tufted or spreading shrublet, flowers pink; 6; Knysna, Little Karoo (Willowmore).
menniei L. Bolus - low shrublet, flowers pink, occ. with purplish reverse; 7; Malmesbury.
microphylla (Haw.) Schwantes - thin-stemmed shrublet, to 100 mm, flowers white with pink tips; 8; Piketberg, Paarl, Worcester.
minutifolia L. Bolus - compact shrublet, flowers magenta; 7; upper rocky slopes, Clanwilliam.
misera (L. Bolus) L. Bolus - laxly branched shrublet, to 370 mm, flowers white; 10-11; Malmesbury.
montaguensis L. Bolus - stiff erect shrublet, to 300 mm, flowers magenta; 9-10; Montagu.
mucronata (Haw.) Schwantes - dwarf shrublet?, flowers magenta; ?; Malmesbury (poorly known).
muiriana (L. Bolus) Schwantes - erect shrublet, to 200 mm, flowers magenta; 8-10; Bredasdorp, Little Karoo.

multiflora (Haw.) Schwantes - shrub to 1 m, flowers white; 10-12; Little Karoo (W Karoo).
neovirens Schwantes - slender shrublet, to 600 mm, flowers red; Uitenhage.
pakhuisensis L. Bolus - stiff shrublet, to 300 mm, flowers red; 9; Clanwilliam.
patens L. Bolus - shrublet to 250 mm, flowers magenta with darker stripe; 5-6; Piketberg.
pauciflora L. Bolus - creeping succulent, stems to 400 mm, flowers magenta; 5; Piketberg.
paucifolia L. Bolus - erect shrublet, to 200 mm, flowers magenta; 5; dry fynbos, Lokenburg.
peersii L. Bolus - compact shrublet, to 60 mm, flowers magenta with stripe; 11; Riversdale.
persistens L. Bolus - compact shrublet, to 70 mm, flowers pink; 8; Montagu, Ladismith.
profunda L. Bolus - erect shrublet, to 360 mm, flowers pink to purple; 9; Piketberg.
promontorii L. Bolus - trailing shrublet, to 350 mm, flowers pink with purple stripe; 7; Cape Peninsula.
propinqua (N.E. Br.) Schwantes - low shrublet, flowers pink with dull stripe; Montagu.
prostrata L. Bolus - robust mat-forming shrublet, flowers magenta?; ?; Clanwilliam (S Namaqualand).
pulchella (Haw.) Schwantes - prostrate and creeping succulent, flowers rose-pink; 7-9; clay flats and slopes, Stellenbosch, Peninsula.
pungens (A. Berger) H.J. Jacobsen - (= R. cymosa (L. Bolus) Schwantes); shrub to 2 m, flowers magenta; 9-12; Pakhuis Mts., Ceres, Ladismith.
pygmaea (Haw.) Schwantes - small mat-like shrublet, flowers magenta?; ?; Worcester (Karoo).
quadrisepala L. Bolus - cushion-forming succulent, to 250 mm, flowers pale pink; Little Karoo.
radicans L. Bolus - creeping succulent, stems to 300 mm, flowers pink; 5-6; Clanwilliam, Piketberg.
rariflora L. Bolus - spreading or prostrate shrublet, flowers pink; 8-9; Clanwilliam (S Namaqualand).
rigida (Haw.) Schwantes - much-branched shrublet, to 400 mm, flowers white; 1-2; Caledon to Swellendam.
rigidicaulis (Haw.) Schwantes - sprawling shrublet with rigid branches, flowers pink with red stripe; 8-9; Clanwilliam, Tulbagh, Worcester.
roseola (N.E. Br.) Schwantes - low-growing shrublet, flowers pale pink; ?; Montagu.
rostella (Haw.) Schwantes - prostrate succulent, flowers white or magenta; 7-8; Ladismith.
rubricaulis (Haw.) L. Bolus - sprawling shrublet, flowers rose-pink with darker band; 5-8; coastal slopes, Cape Peninsula.
sarmentosa (Haw.) Schwantes - creeping succulent with stems to 600 mm, flowers reddish; 7-8; Malmesbury to Robertson.
saturata L. Bolus - erect shrublet, to 90 mm, flowers pink with purple reverse; 7; Tulbagh.
schollii (Salm-Dyck) Schwantes - erect or creeping shrublet, flowers magenta; 8-9; Clanwilliam, Stellenbosch, Caledon, Robertson.
sobrina (N.E. Br.) Schwantes - mat-forming succulent, flowers magenta; ?; Riversdale.
staminodiosa L. Bolus - erect shrublet, to 150 mm, flowers magenta; 10; Riversdale, Montagu, Ladismith.
stenophylla (L. Bolus) L. Bolus - mat-forming succulent, flowers magenta; 7-8; Little Karoo.

stokoei L. Bolus - compact dwarf shrublet, flowers magenta; 7-8; upper slopes, Worcester, Caledon.
strubeniae (L. Bolus) Schwantes - erect shrub, to 750 mm, flowers pink with purple stripe; 8-11; Piketberg.
suaveolens L. Bolus - shrub to over 1 m, flowers pink; 10-1; Gifberg, Clanwilliam (S Namaqualand).
subpaniculata L. Bolus - erect shrublet, to 300 mm, flowers pink; 8-9; Clanwilliam, Darling (S Namaqualand).
subteres L. Bolus - erect shrublet, to 200 mm, flowers magenta; Worcester.
subtruncata L. Bolus - creeping shrublet, flowers pink; 9; Nieuwoudtville (W Karoo).
tardissima L. Bolus - compact shrub with prostrate branches, flowers pink with purple stripes; 6-7; Clanwilliam, Tulbagh (Karoo).
tecta L. Bolus - erect shrub, to 600 mm, flowers magenta with white reverse; 9-10; Malmesbury.
tenella (Haw.) Schwantes - much-branched slender shrublet, flowers white; 11-5; Riversdale to Uniondale.
thomae L. Bolus - compact slender-branched low shrublet, flowers magenta; 11-1; upper alt. cliff faces, Worcester, Ceres, Caledon.
triflora L. Bolus - compact shrublet, to 100 mm, flowers pink; 3-4; Clanwilliam.
tumidula (Haw.) Schwantes - (= **R. caudata** L. Bolus); much-branched shrub, to 600 mm, flowers pink; 11-12; Malmesbury, Worcester, Swellendam (Namibia?).
uitenhagensis (L. Bolus) Schwantes - erect much-branched shrublet, to 300 mm, flowers pink; ?; Uitenhage.
unca (L. Bolus) L. Bolus - erect or spreading shrublet, flowers pale pink; 9; Nieuwoudtville.
utilis (L. Bolus) L. Bolus - much-branched shrub, 1-2 m, flowers pale pink; 10; Gifberg, Piketberg (Namaqualand).
vanbredai L. Bolus - slender tangled shrublet, to 120 mm, flowers magenta; 6; Uniondale.
vanniekerkiae L. Bolus - low shrublet, flowers pink; 10-11; Little Karoo.
verruculosa L. Bolus - compact shrublet, to 70 mm, flowers magenta; 2-9; Hex River, Caledon.
victoris (L. Bolus) L. Bolus - much-branched sprawling shrublet, flowers pinkish with purple stripe; 6; Clanwilliam.
virens L. Bolus - erect shrublet, to 400 mm, flowers pink; 9-10; Riversdale to Mossel Bay.
virgata (Haw.) L. Bolus - prostrate slender-stemmed succulent, flowers red; 10; Little Karoo to Humansdorp.

SAPHESIA 1 sp - Malmesbury district, S W Cape

flaccida (Jacq.) N.E. Br. - woody succulent shrub, to 1,5 m, flowers white; 10-11; Malmesbury.

SCELETIUM ca 22 sp - S W Cape, Karoo, Namaqualand

archeri L. Bolus - slender low succulent, flowers straw; ?; Little Karoo (Karoo).
compactum L. Bolus - compact low shrublet, to 70 mm, flowers cream; 5-8; Little Karoo (Karoo).
crassicaule (Haw.) L. Bolus - succulent shrublet, to 200 mm, flowers straw; 10-11; coastal scrub, Uitenhage, Port Elizabeth (E Cape).
expansum (L.) L. Bolus - (kanna); succulent shrublet, to 300 mm, flowers dull yellow; 9-11; George, Uniondale (S Karoo).

framesii L. Bolus - succulent with prostrate branches, flowers white; 8-9; Nieuwoudtville (Karoo).
joubertii L. Bolus - succulent shrublet with prostrate branches, flowers straw; 7-8; Little Karoo.
ovatum L. Bolus - succulent shrublet, to 200 mm, flowers straw; 9; Montagu (Karoo).
regium L. Bolus - robust shrublet, flowers yellow to golden; 9-10; Clanwilliam to Malmesbury.
rigidum L. Bolus - stiff erect shrublet, flowers white; ?; Little Karoo (Karoo).
strictum L. Bolus - stiff erect shrublet, flowers white; 5-9; Little Karoo (S Karoo).
subvelutinum L. Bolus - prostrate succulent with stems to 250 mm, flowers white or straw; 8-10; Worcester, Robertson.
tortuosum (L.) N.E. Br. - low succulent with slender curved branches, flowers cream; 7-9; Montagu, Riversdale.

SCOPELOGENA 1 sp - S W Cape

verruculata (L.) L. Bolus - (= **Lampranthus verruculatus** (L.) L. Bolus, **S. gracilis** L. Bolus); compact succulent shrublet, to 250 mm, flowers yellow; 10-11; Peninsula, Swellendam, Riversdale.

SEMNANTHE 1 sp - S W Cape

lacera (Haw.) N.E. Br. - shrub with large succulent toothed leaves, to 1 m, flowers large, magenta; 10-11; mountain slopes, Paarl, Stellenbosch, Malmesbury.

SKIATOPHYTUM 1 sp - S W Cape

tripolium (L.) L. Bolus - annual or biennial large-leafed succulent, to 200 mm, flowers large, white; 9; shade, Clanwilliam, Piketberg, Peninsula to Bredasdorp.

SMICROSTIGMA 1 sp - S Cape

viride (Haw.) N.E. Br. - low shrublet with small succulent leaves, to 400 mm, flowers magenta; 8-11; Montagu, Robertson, Riversdale, George.

SPHALMANTHUS ca 100 sp - E and S W Cape to Namibia

canaliculatus (Haw.) N.E. Br. - prostrate papulose succulent, flowers red or pink; 11; Piketberg, Stellenbosch, Peninsula to Mossel Bay, Humansdorp.
caudatus (L. Bolus) N.E. Br. - prostrate papulose succulent, flowers straw; 9; Worcester.
celans (L. Bolus) L. Bolus - prostrate succulent, stems to 180 mm, flowers pink or cream; 9-10; Nieuwoudtville, Hex River Valley, Montagu, Swellendam.
delus (L. Bolus) L. Bolus - low erect shrublet, flowers magenta; 11-1; Nieuwoudtville, Clanwilliam (W Karoo).
englishiae (L. Bolus) L. Bolus - papulose succulent with creeping stems to 500 mm, flowers white; 12; Robertson.
fastigiatus (Haw.) Schwantes - spreading shrublet, flowers white or cream; 1; Uniondale.
flexuosus (Haw.) L. Bolus - papulose spreading succulent, flowers white; ?; Little Karoo.
fourcadei (L. Bolus) L. Bolus - erect shrublet, to 100 mm, flowers white; 12; Uniondale.

grossus (Aiton) N.E. Br. - succulent shrublet with dried leaves spinescent, flowers pink, turning yellow; 9; Uitenhage (E Cape).
laxipetalus (L. Bolus) L. Bolus - prostrate tuberous succulent, flowers pale salmon-pink; 7-8; Hex River Valley, Worcester, Robertson.
leptopetalus (L. Bolus) L. Bolus - prostrate shrublet, branches to 250 mm, flowers pale pink; 11-12; Worcester, Ladismith.
littlewoodii L. Bolus - low succulent with creeping branches, flowers pale pink; 8-9; Worcester (Karoo).
micans L. Bolus - prostrate papulose succulent, flowers greenish; 7-9; Nieuwoudtville.
nothus (N.E. Br.) Schwantes - erect shrublet, to 800 mm, flowers white to pink; 10; Robertson.
oubergensis (L. Bolus) L. Bolus - spreading succulent shrublet, flowers salmon; 9; Montagu.
platysepalus (L. Bolus) L. Bolus - low papulose succulent, stems to 60 mm, flowers straw; 9; Montagu.
primulinus (L. Bolus) L. Bolus - succulent shrublet, to 300 mm, flowers yellow; 8-10; Humansdorp, Port Elizabeth (E Cape, Karoo).
rabiesbergensis (L. Bolus) L. Bolus - prostrate papulose succulent, flowers pale pink; ?; Worcester.
resurgens (Kensit) L. Bolus - dwarf shrublet, flowers biscuit; 6-8; Nieuwoudtville, Clanwilliam (Karoo).
roseus (L. Bolus) L. Bolus - stiff erect or trailing shrublet, to 200 mm, flowers pink; 10-12; Little Karoo.
saturatus (L. Bolus) L. Bolus - low papulose succulent, sprawling stems to 200 mm, flowers yellow; 8-9; Clanwilliam.
splendens (L.) L. Bolus - prostrate papulose succulent, flowers cream; 10-12; Uniondale (S Karoo).
subpetiolatus (L. Bolus) L. Bolus - prostrate succulent with slender stems, flowers straw or pale pink; 9; Clanwilliam.
trichotomus (Thunb.) L. Bolus - stiff erect shrublet, flowers magenta, occ. cream; 10-11; Clanwilliam, Piketberg (Namaqualand).
vernalis (L. Bolus) L. Bolus - stiff much-branched shrublet, to 250 mm, flowers pale pink or white; 9-10; Little Karoo (Karoo).
vigilans (L. Bolus) L. Bolus - succulent shrublet, to 250 mm, flowers white with pinkish reverse; 6-12; Worcester, Montagu, Malmesbury, Riversdale (Karoo).

STAYNERIA 1 sp - S W Cape, Worcester district

neilli (L. Bolus) L. Bolus - (= **S. littlewoodii** L. Bolus); stout shrublet with large fleshy leaves, to 600 mm, flowers white or magenta; 6; Worcester, Robertson.

STOMATIUM ca 44 sp - S W Cape, Karoo, Namaqualand

braunsii L. Bolus - low tufted succulent with spotted leaves, flowers yellow, nocturnal; 7-8; Clanwilliam.
suricatum L. Bolus - low tufted succulent with indistinctly green-spotted leaves, flowers lemon-yellow; 5-10; Little Karoo (Karoo).

TRICHODIADEMA ca 30 sp - Namibia, southern Africa

altonsum (L. Bolus) Schwantes - spreading shrublet, to 150 mm, flowers white; 3-6; Little Karoo (Karoo).
bulbosum (Haw.) Schwantes - spreading shrublet, to 200 mm, flowers magenta; 11-2; Port Elizabeth.

calvatum L. Bolus - spreading shrublet, flowers pink; 9; Worcester, Robertson.
densum (Haw.) Schwantes - mat-forming succulent, flowers crimson or magenta; 6-10; Uniondale (Karoo).
emarginatum L. Bolus - mat-forming succulent, flowers pink; 7; Little Karoo.
fergusoniae L. Bolus - spreading succulent, stems to 120 mm, flowers pinkish; 8; Riversdale.
fourcadei L. Bolus - spreading succulent, stems to 150 mm, flowers white or yellowish; 10; George, Humansdorp.
gracile L. Bolus - spreading or prostrate succulent, stems to 70 mm, flowers pink; 4-8; Caledon, Swellendam.
hallii L. Bolus - compact shrublet, to 60 mm, flowers pink with white centre; ?; Little Karoo.
intonsum (Haw.) Schwantes - prostrate succulent, flowers reddish to white; 10; Uitenhage (E Cape).
marlothii L. Bolus - spreading or prostrate shrublet, stems to 120 mm, flowers pink; 5-6; Little Karoo.
mirabile (N.E. Br.) Schwantes - dwarf shrublet, to 80 mm, flowers white; 11-1; Uniondale, Uitenhage (Karoo).
occidentalis L. Bolus - prostrate succulent, flowers pink; 6-7; Bredasdorp, Little Karoo.
orientale L. Bolus - spreading or prostrate succulent, stems to 200 mm, flowers white tinged with pink; 2-6; Uitenhage (E Cape).
pygmaeum L. Bolus - mat-forming succulent, flowers pink; 7; Swellendam.
rupicolum L. Bolus - mat-forming succulent, flowers white to pale pink; 2-5; Uitenhage.
stayneri L. Bolus - low shrublet, to 40 mm, flowers magenta; 11-1; Uitenhage.
stellatum (Miller) Schwantes - (kareemoer, kiriemoer); mat-forming succulent, flowers mauve or red; 5-6; Little Karoo.
stelligerum (Haw.) Schwantes - (kareemoer, kiriemoer); low succulent with tangled stems, flowers purple or mauve; 4-9; Mossel Bay, Uitenhage (E Cape).

VANZIJLIA 1 sp - W Cape to S Namaqualand

annulata (A. Berger) L. Bolus - (= **V. angustipetala** (L. Bolus) N.E. Br.); prostrate shrublet, to 120 mm, flowers pale pink; 7-9; Clanwilliam to Saldanha (S Namaqualand).
rostella L. Bolus - see **Cephalophyllum rostellum** (L. Bolus) H.E.K. Hartmann.

ZEUKTOPHYLLUM 1 sp - Little Karoo and Karoo

suppositum (L. Bolus) N.E. Br. - low robust shrublet, to 100 mm, flowers white; 1-3; Little Karoo (Karoo).

MONTINIACEAE

MONTINIA 1 sp - S W and E Cape to S Angola

caryophyllacea Thunb. - (bergklapperbos, peperbos); blue-green dioecious shrub, to 1,5 m, flowers white; 5-10; throughout S W Cape (E Cape, Namaqualand to S Angola).

MORACEAE

FICUS ca 1 000 sp - pantropical and warm temperate

burtt-davyi Hutch. - (veld fig, veldvy); shrub, climber or small tree, 3-5 m, figs greenish, paired; 8-3; coastal dune forest or rocky slopes, Oudtshoorn, Knysna to Port Elizabeth.

cordata Thunb. - (namaqua fig, namakwavy); grey-leafed deciduous tree, to 15 m, figs purplish, paired, without stalks; 6-1; rock clefts, Gifberg, Clanwilliam, Ladismith (N Cape, Namaqualand, Namibia).

ilicina Sonder ex Miq. - (laurel fig, lourierv y); small tree, to 5 m, stems and roots flattened against rocks, figs small; Clanwilliam (Namaqualand, Namibia).

sur Forsskal - (= **F. capensis** Thunb.) (Cape fig, Kaapsevy); large spreading tree, 12-25 m, figs in branched clusters, red; 10-3; forests or grassland, Knysna to Port Elizabeth (to tropical Africa, Arabia).

MYRICACEAE

MYRICA ca 50 sp - cosmopolitan

cordifolia L. - (waxberry, wasbessie, glashout); densly leafy erect or sprawling shrub, to 1,5 m, fruit globular and dark but usually waxy; 1-12; flowers inconspicuous; 4-7; sand dunes, Peninsula to Port Elizabeth (E Cape).

diversifolia Adamson - erect shrub to 1 m, catkins yellowish; 8-9; sheltered marshy slopes, Cape Peninsula.

humilis Cham. & Schldl. - (lotteringbos); shrub, 0,5-1 m, catkins yellowish; 6-11; coastal fynbos, Peninsula to Port Elizabeth (E Cape).

integra (A. Chev.) Killick - (waxberry, baster smalblaar-wasbessie); tree or shrub to 3 m, fruits small and globose; 8-9; catkins yellowish; 3-4; streambanks, Cedarberg, Ceres, Paarl.

kraussiana Buching ex Meissner - low shrub to 500 mm, catkins yellowish; 8-10; fynbos slopes, Peninsula, Caledon, Swellendam.

quercifolia L. - (maagpynbos); shrub with lobed leaves, to 1 m, catkins yellowish; 7-9; sand flats and slopes, Malmesbury to Uitenhage (Transkei, Namaqualand).

serrata Lam. - (waxberry, gammabos, wasbessie); tree with serrate leaves, 3-6 m, flowers reddish (male) and green (female); 8-12; streambanks, Clanwilliam to Witteberg, Tulbagh to Port Elizabeth (E Cape to tropical Africa).

MYRSINACEAE

MYRSINE 7 sp - Africa and Asia

africana L. - (Cape myrtle, mirting, vlieëbos); erect small-leafed shrub, to 2 m, fruit blue-black, globular, flowers pinkish; 1-12; Peninsula to Port Elizabeth (E Cape to tropical Africa, Azores, Asia).

pillansii Adamson - (large Cape myrtle, grootmirting); shrub to 4 m, fruit globular, purple?, flowers greenish; 8-10; forest margins, Peninsula, Ceres (Natal).

RAPANEA ca 200 sp - pantropical and subtropical

gilliana (Sonder) Mez - (dwarf Cape beech, dwergboekenhout); shrub or small tree to 4 m, fruit black, spherical, flowers greenish; 5-7; dunes or coastal bush, Knysna to Port Elizabeth (E Cape).

melanophloeos (L.) Mez - (Cape beech, boekenhout); slender tree, 3-20 m, leaves dark green, fruit spherical, blue-black; 10-2; flowers white or pinkish; 6-10; coastal forest near water, Peninsula to Port Elizabeth (to tropical Africa).

MYRTACEAE

EUGENIA ca 1 000 sp - more or less cosmopolitan

capensis (Ecklon & Zeyher) Sonder - (= E. **zeyheri** (Harvey) Harvey) (wild myrtle, wildemirt); shrub or tree, 3-10 m, flowers pink or cream; 11-1; coastal bush, Port Elizabeth (E Cape to Zululand).

METROSIDEROS 60 sp - mainly Australia, Malay Archipelago (recently assigned to **Mearnsia** but combination not made)

angustifolia (L.) Smith - (smalblad); light green shrub or small tree, 1-5 m, flowers white or cream, in clusters; 11-1; streambanks, Gifberg to Ceres, Paarl, Caledon, Swellendam.

NYMPHAEACEAE

NYMPHAEA ca 60 sp - pantropical and warm temperate

capensis Thunb. - (blue water lily, waterlelie); perennial with nearly circular floating leaves, flowers blue; 9-10; pools, Peninsula, Bredasdorp, Knysna to Port Elizabeth (E Cape to tropical Africa, Madagascar).

OCHNACEAE

OCHNA ca 85 sp - paleotropical and subtropical

arborea Burchell ex DC. - (Cape plane, Kaapse rooihout); tree or shrub, to 12 m, flowers yellow; 9-11; Knysna to Port Elizabeth (E Cape to tropical Africa).
serrulata (Hochst.) Walp. - (fynblaarrooihout); shrub, occ. tree, 2-3 m, flowers yellow; 4-10; forest margins, George, Knysna (E Cape to Transvaal).

OLEACEAE

CHIONANTHUS ca 120 sp - pantropical and temperate

foveolatus (E. Meyer) Stearn - (= **Linociera foveolata** (E. Meyer) Knobl.) (fine-leafed ironwood, fynblaarysterhout); tree, 5-30 m, flowers cream; 3-6; coastal forests, Peninsula to Port Elizabeth (E Cape to Transvaal).

JASMINUM ca 450 sp - Africa, Asia, Australia

angulare Vahl - scrambling shrub, to 7 m, flowers white; 11-1; coastal bush, Humansdorp to Port Elizabeth (E Cape to Natal).
glaucum (L.f.) Aiton - glaucous shrub, flowers white; 10-2; riverbanks or rocky hills, Gifberg, Clanwilliam, Tulbagh, Paarl, Caledon.
multipartitum Hochst. - scrambling shrub, to 3 m, flowers white with pink reverse; 10-11; Uitenhage (E Cape to Transvaal).
tortuosum Willd. - tall climber, flowers white; 11-12; Caledon, Mossel Bay, Oudtshoorn.

OLEA ca 35 sp - Old World

capensis L. - (ironwood, ysterhout); shrub or tree, 2-12 m, flowers cream; 9-3; rocky slopes and forests, Clanwilliam to Port Elizabeth (to tropical Africa).
europaea L. - (= **O. africana** Miller) (wild olive, swartolienhout); tree with small grey leaves, 3-14 m, flowers white; 10-3; varied habitats, widespread in S W Cape (southern Africa to Eurasia).
exasperata Jacq. - (basterolienhout); shrub or small tree, 1-8 m, flowers white; 8-10; dunes or coastal bush, Peninsula to Port Elizabeth (E Cape).

OLINIACEAE

OLINIA 8 sp - tropical and southern Africa

ventosa (L.) Cuf. - (hard pear, hardepeer); evergreen tree, to 10 m, fruit globose, red; 12-6; flowers white; 6-10; forests and open hillsides, Peninsula to Port Elizabeth (E Cape to Natal).

ONAGRACEAE

EPILOBIUM ca 220 sp - pantemperate and tropical mountains

capense Buch. ex Hochst. - perennial, 0,5-1 m, flowers white or magenta; 12-3; damp areas, Ceres, Tulbagh, Stellenbosch, George to Uitenhage (highlands of Africa, Madagascar).
hirsutum L. - (willowherb); softly pubescent perennial, to 2 m, flowers magenta; 11-5; wet places, Clanwilliam to Peninsula, Ladismith, Bredasdorp to Uitenhage (Africa, Europe and temperate Asia).
tetragonum L. - perennial, to 1 m, flowers pink; 11-1; streambanks, Peninsula, Stellenbosch, Riversdale, Oudtshoorn, Uitenhage (Africa, Europe).

LUDWIGIA 80 sp - worldwide, mainly tropical

octovalvis (Jacq.) Raven - robust aquatic often pubescent perennial, flowers yellow; mainly 9-3; dams and rivers, Olifants River Valley (pantropical).
***palustris** (L.) Ell. - prostrate glabrous perennial rooting at nodes, flowers yellow; 9-3; occasional on the edges of dams and streams in S W Cape (southern Africa, introduced from N and Central America).

OENOTHERA 125 sp - mainly New World, now cosmopolitan

***rosea** L'Her. ex Aiton - branching perennial, to 400 mm, flowers deep pink; 11-1; occasional throughout S W Cape (worldwide weed introduced from N America).
***stricta** Ledeb. ex Link - tufted narrow-leafed perennial, to 400 mm, flowers large, yellow; 1-12; common in disturbed areas and roadsides (widespread weed introduced from temperate S America).
(a few other species may be encountered in agricultural areas).

OROBANCHACEAE

OROBANCHE ca 150 sp - more or less cosmopolitan

ramosa L. - (broomrape, blouduiwel); erect yellowish parasite, 100-250 mm, flowers mauve or blue; 7-11; sandy areas, Gifberg to Uitenhage, perhaps introduced (Namaqualand, tropical Africa, Europe).

OXALIDACEAE

OXALIS ca 500 sp - cosmopolitan, chiefly S Africa and S America

adspersa Ecklon & Zeyher - stem leafy, pubescent, 50-150 mm, flowers lilac; 5-6; Clanwilliam to Stellenbosch.
algoensis Ecklon & Zeyher - leaves basal, hirsute, scape 40-120 mm, flowers lilac or white; 7-9; Ladismith, Uitenhage, Port Elizabeth (E Cape).
amblyodonta T.M. Salter - stem leafy, to 140 mm, leaflets 5-7, flowers lilac; 5-7; Clanwilliam, Tulbagh, Piketberg.
amblyosepala Schltr. - leaves basal, scape 50-100 mm, flowers white; 8-10; Gifberg, Clanwilliam.
annae Bolus - leaves basal, scape 20-80 mm, flowers copper-pink or yellow; 7-8; Ceres, Ladismith (Karoo, Namaqualand).
anomala T.M. Salter - leaves basal, scape to 180 mm, flowers lilac; 4-6; Ladismith, Swellendam.
argillacea Bolus f. - stem leafy, pubescent, 50-90 mm, flowers yellow; 5-7; Nieuwoudtville, Clanwilliam (S Namaqualand).
argyrophylla T.M. Salter - stem leafy, silky-pubescent, 100-200 mm, flowers white or lilac with darker margins; 4-7; Malmesbury to Peninsula.
aridicola T.M. Salter - stem leafy, to 150 mm, flowers lilac; 5-7; Clanwilliam (Karoo).
attaquana T.M. Salter - stem leafy, to 130 mm, flowers rose; 6; Oudtshoorn.
aurea Schltr. - leaves usually all basal, with pubescent petioles, scape 50-100 mm, flowers yellow; 4-5; Clanwilliam.
bifida Thunb. - stem leafy, erect or trailing, to 300 mm, flowers rose; 3-10; Ceres to Peninsula, Caledon.
bowiei Lindley - leaves basal, scape robust, often pubescent, 100-250 mm, flowers pink; 3-5; Caledon?, Port Elizabeth (E Cape, Transkei).
burkei Sonder - stem leafy, 20-60 mm, flowers rose or white; 5-6; Ceres, Montagu (Karoo).
burtoniae T.M. Salter - stem leafy, 60-170 mm, leaflets 5-7, flowers yellow; 6; Malmesbury.
callimarginata Weintr. - stem leafy, 130-170 mm, flowers white or lilac; 7; Tulbagh.
callosa Knuth - stem leafy or leaves basal, 20-90 mm, flowers rose-red; 4-6; Nieuwoudtville.
camelopardalis T.M. Salter - stem leafy, to 100 mm, flowers magenta; 5-6; Caledon, Montagu.
capillacea E. Meyer ex Sonder - stem leafy, 100-140 mm, flowers yellow, white or rose; 4-7; Worcester, Robertson, Ceres, Tulbagh, Caledon (Karoo).
caprina L. - (bokspootjie, boksuring); leaves usually all basal, scape slender, 150-200 mm, flowers pale lilac or white; 3-5; disturbed ground, Peninsula to Uitenhage, Oudtshoorn (E Cape).
ciliaris Jacq. - stem leafy, stout or slender, 10-200 mm, flowers pink; 4-7; Ceres, Worcester, Montagu to Port Elizabeth (Karoo, E Cape).
commutata Sonder - leaves basal, scape 20-120 mm, flowers rose, lilac or white; 4-9; Clanwilliam to Worcester, Tulbagh to Peninsula, Caledon.
compressa L.f. - leaves basal, scape robust and branched, 100-180 mm, flowers yellow; 7-9; Paarl, Malmesbury, Peninsula, Caledon (Namaqualand).
confertifolia (Kuntze) Knuth - stem leafy, scape 150-450 mm, flowers rosy-purple or yellow; 5-6; Ceres, Swellendam, Riversdale.
convexula Jacq. - stem 40-140 mm, leaflets small, fleshy, flowers salmon-pink; 5-9; Ceres, Montagu, Swellendam (Karoo).

*corniculata L. - (ranksuring, tuinsuring); prostrate or low annual with leafy stem rooting at nodes, 50-100 mm, flowers small, yellow; 1-12; widespread in disturbed soil (cosmopolitan weed).
dentata Jacq. - stem leafy, branched, 150-300 mm, flowers mauve; 3-5; Peninsula, Caledon.
depressa Ecklon & Zeyher - leaves basal, scape 40-120 mm, flowers white or pink; 4-7; Peninsula to Port Elizabeth, Ceres, Worcester (widespread in southern and tropical Africa).
dichotoma T.M. Salter - leaves basal, scape branched, to 150 mm, flowers lilac; 3-5; arid areas, Oudtshoorn.
dilatata L. Bolus - leaves basal, scape to 60 mm, flowers yellow or reddish; 4-5; Ceres, Montagu, Port Elizabeth.
dines Ornduff - robust aquatic with leafy stems, flowers white; 9-10; pools and streams, Botterkloof to Pakhuis Pass.
disticha Jacq. - robust aquatic, stems to 400 mm, flowers yellow, occ. white; 5-8; Lokenburg, Clanwilliam, Malmesbury.
dregei Sonder - leaves basal, small, unifoliate, 30-80 mm, flowers white; 8-9; marshes, streams or seeps, Clanwilliam, Worcester (Karoo, Namaqualand).
droseroides E. Meyer ex Sonder - stem leafy, pubescent, to 150 mm, flowers deep rose; 5; Tulbagh, Paarl, Worcester?.
duriuscula Schltr. - stem leafy, slender, to 220 mm, flowers magenta; 4-5; Caledon, Bredasdorp.
ebracteata Savign. - stem leafy with glandular hairs, 80-300 mm, flowers pink or white; 4-6; Clanwilliam, Piketberg, Tulbagh.
eckloniana Presl - leaves basal, scape pubescent, 10-100 mm, flowers purple or yellow; 4-6; Clanwilliam to Worcester, Malmesbury, Peninsula to Mossel Bay.
engleriana Schltr. - stem leafy, pubescent, 80-180 mm, leaflets 5-8, flowers rose; 5-6; Caledon, Worcester, Robertson.
falcatula T.M. Salter - stem leafy, pubescent, 100-180 mm, flowers pale pink; 4-7; Paarl, Peninsula.
fergusoniae T.M. Salter - leaves basal, small, scape to 60 mm, flowers pink or white; 9-10; Ceres, Riversdale, Uniondale.
fibrosa Bolus f. - leaves basal, pubescent, scape to 70 mm, flowers mauve; 4-6; arid areas, Montagu, Ladismith (Karoo).
flava L. - (bobbejaanuintjie, vingersuring); leaves usually all basal, leaflets 2-12, scape 30-250 mm, flowers yellow, white or lilac; 4-6; Gifberg to Worcester, Tulbagh to Peninsula, Riversdale (Karoo, Namaqualand).
fourcadei T.M. Salter - leaves basal, scape 40-60 mm, flowers white; 10; arid upper slopes, Uniondale, Humansdorp.
fragilis T.M. Salter - stem leafy, slender, to 120 mm, flowers yellowish; 5-7; Malmesbury.
giftbergensis T.M. Salter - stem leafy, pubescent, 60-200 mm, flowers yellowish; 5-6; Gifberg, Clanwilliam.
glabra Thunb. - stem leafy, slender 50-200 mm, flowers red, pink or white; Clanwilliam to Peninsula, Caledon, Worcester, Montagu.
goniorrhiza Ecklon & Zeyher - leaves basal, scape 80-120 mm, flowers white or rose; 6-7; damp areas, Tulbagh, Worcester, Paarl, Caledon.
gracilipes Schltr. - stem leafy, 50-110 mm, flowers white; 5-6; Clanwilliam, Piketberg.
gracilis Jacq. - stem leafy above, 50-300 mm, flowers salmon-pink or white; 5-7; Clanwilliam (Namaqualand).
heidelbergensis T.M. Salter - stem leafy, 150-250 mm, flowers white with red margins; 6; Swellendam.
henrici Bolus f. - (aff. O. engleriana Schltr.); stem leafy, slender, 60-100 mm, flowers reddish; ?; Worcester (poorly known).

heterophylla DC. - stem leafy, semi-trailing, to 300 mm, flowers red to purple; 8-10; Gifberg to Malmesbury, Caledon to Riversdale (Karoo, Namaqualand).
hirta L. - stem leafy, pubescent, 50-300 mm, flowers mauve, magenta or white; 4-8; Nieuwoudtville, Clanwilliam to Peninsula (S Namaqualand).
imbricata Ecklon & Zeyher - short, stem leafy or leaves all basal, pubescent, 60-150 mm, flowers white; 4-6; Swellendam to Port Elizabeth (E Cape).
incarnata L. - stem leafy, slender, branched, 100-300 mm, flowers white or pale lilac; 9-4; Tulbagh, Peninsula to Uitenhage.
involuta T.M. Salter - slender, leaves basal, scape to 50 mm, flowers bright yellow; 5-7; wet clay, Piketberg.
ioeides T.M. Salter & Exell - leaves basal, scape 60-120 mm, flowers rose-red; 5-6; upper slopes, Mossel Bay, George.
lanata L.f. - pubescent, stem usually leafy, to 130 mm, flowers white; 5-10; Paarl, Peninsula to Caledon.
lateriflora Jacq. - (steentjiesuring); stem branched, 150-300 mm, flowers white or lilac; 4-6; Tulbagh, Piketberg, Malmesbury, Paarl.
laxiuscula Knuth - leaves basal, scape to 110 mm, flowers white; 9; Clanwilliam.
leipoldtii Schltr. - (aff. **O. viscosa** Sonder); stem leafy, to 200 mm, flowers purplish; 6; Clanwilliam (poorly known).
leptocalyx Sonder - stem slender, leafy, 80-180 mm, flowers rosy, occ. white with darker margin; 5-6; Piketberg to Malmesbury, Tulbagh.
leptogramma T.M. Salter - stem leafy, slender, 50-120 mm, flowers lilac or white, occ. yellow; 4-6; Ceres, Worcester, Montagu.
levis T.M. Salter - leaves basal or nearly so, to 30 mm, flowers white or lilac; 6; clay, Malmesbury.
lindaviana Schltr. - leaves usually all basal, scape branched at apex, to 200 mm, flowers white or lilac; 5-6; Clanwilliam, Worcester.
lineolata T.M. Salter - stems leafy, 10-50 mm, flowers white; 5-6; Clanwilliam.
livida Jacq. - stems leafy, branched, 30-120 mm, flowers rose or lilac; 4-6; shade-loving, Clanwilliam to Stellenbosch, Caledon, Bredasdorp.
luteola Jacq. - dwarf, leaves basal, pubescent, scape 50-80 mm, flowers yellow; 5-8; Clanwilliam to Peninsula, Tulbagh, Caledon to Riversdale.
macra Schltr. - stem leafy, pubescent, 80-140 mm, flowers white or pink; 6; Piketberg.
meisneri Sonder - stem pubescent and leafy, to 160 mm, flowers yellow or lilac; 4-6; Tulbagh, Hex River? .
melanosticta Sonder - leaves basal, scape to 25 mm, flowers yellow; 4-8; dry areas, Nieuwoudtville to Worcester, Montagu, Paarl (Karoo, S Namaqualand).
microdonta T.M. Salter - leaves basal, scape pubescent, to 80 mm, flowers lilac; 5; Montagu.
minuta Thunb. - leaves basal, scape 20-120 mm, flowers white; mainly 5-8; Clanwilliam, Paarl, Stellenbosch.
monophylla L. - leaves basal, unifoliate, scape to 100 mm, flowers white or pale lilac; 4-7; Clanwilliam to Peninsula.
multicaulis Ecklon & Zeyher - stem leafy, 50-100 mm, flowers white or pink with dark margins; 5-8; Tulbagh to Peninsula, Caledon, Bredasdorp.
natans L.f. - (waterklawer, watersuring); aquatic with slender flexuose leafy stem, flowers white; 9-11; stagnant pools, Piketberg, Peninsula, Worcester.
nidulans Ecklon & Zeyher - leaves basal, scape 10-150 mm, flowers white or lilac; 6-8; Clanwilliam to Worcester, Malmesbury to Caledon.
nortieri T.M. Salter - leaves basal, adult leaves unifoliate, scape to 90 mm, flowers magenta; 5-6; Oudtshoorn (Willowmore).
obtusa Jacq. - (suring); stem leafy or leaves all basal, to 100 mm, leaflets 3-5, flowers pink, red, yellow or white; 6-10; widespread in S W Cape (Karoo, Namaqualand, Namibia).

oligophylla T.M. Salter - leaves basal, scape 120-160 mm, flowers white; 5-6; stony slopes under shrublets, Gifberg.
orbicularis T.M. Salter - leaves basal, scape to 120 mm, flowers lilac; 6; Ladismith, Montagu, Swellendam.
oriethala T.M. Salter - dwarf, leaves basal, scape 30-40 mm, flowers white; 7; Gifberg.
oreophila T.M. Salter - stem leafy, pubescent, 30-120 mm, flowers white with purple margins; 5-6; Clanwilliam.
orthopoda T.M. Salter - stem densely leafy, to 150 mm, flowers rosy-purple or white; 5-6; Swellendam to Mossel Bay.
pallens Ecklon & Zeyher - stem leafy, 40-100 mm, flowers white; 5-6; Clanwilliam, Piketberg.
pardalis Sonder - stem leafy above, 40-70 mm, flowers yellow or cream; 5-6; Worcester.
pendulifolia T.M. Salter - stem leafy, pubescent, to 300 mm, flowers red; 2-5; Riversdale to Knysna.
perineson T.M. Salter & Exell - stem leafy, slender, 70-150 mm, flowers mauve or white, margin dark; 5-6; Malmesbury.
pes-caprae L. - (sorrel, geelsuring); leaves usually basal, scape 100-180 mm, flowers yellow; 6-10; throughout S W Cape (Namaqualand, Karoo, weed in Australia and California).
petiolata Bolus f. - leaves basal, dwarf, scape 30-50 mm, flowers deep pink; 5-8; upper slopes, Cedarberg Mts.
phloxidiflora Schltr. - leaves basal, scape 30-100 mm, flowers purple; 5-8; Clanwilliam.
pillansiana T.M. Salter & Exell - stem leafy, pubescent, 60-160 mm, flowers yellow with purple margin; 5-6; Clanwilliam (S Namaqualand).
pocockiae L. Bolus - leaves usually all basal, scape 20-100 mm, flowers white or mauve; 3-6; varied habitats, Nieuwoudtville to Worcester, Witteberg, Swartberg, Peninsula (Karoo).
polyphylla Jacq. - (vingersuring); stem leafy, erect, 50-300 mm, leaflets 3-7, flowers rose, lilac or white; 3-6; Ceres to Peninsula, Caledon to Port Elizabeth.
porphyriosiphon T.M. Salter - stem leafy, sticky, 50-110 mm, flowers red to purple; 5-7; middle slopes, Clanwilliam.
pseudo-hirta T.M. Salter - stem flexuose, leafy, pubescent, 60-160 mm, flowers lilac; 5-6; Worcester.
psilopoda Turcz. - leaves basal, pubescent, scape 100-130 mm, flowers white or lilac; 3-6; Riversdale to Port Elizabeth (E Cape).
pulchella Jacq. - leaves basal, pubescent below, scape 30-60 mm, flowers salmon or rose; 4-6; Worcester, Piketberg, Malmesbury, Swellendam (S Namaqualand).
punctata L.f. - dwarf, leaves basal, scape 10-90 mm, flowers white or lilac; 4-7; Oudtshoorn, Montagu, Peninsula to Port Elizabeth (E Cape).
purpurea L. - leaves basal, usually large, scape 10-150 mm, flowers purple, yellow or white; 4-9; widespread (Namaqualand).
pusilla Jacq. - leaves basal, leaflets linear, scape slender 20-100 mm, flowers white or pale rose; 5-7; Tulbagh to Peninsula.
recticaulis Sonder - stem sparsely leafy, to 140 mm, flowers white or pale rose; 6-10; Clanwilliam, Piketberg.
robinsonii T.M. Salter & Exell - stems leafy or leaves basal, to 150 mm, flowers white or yellow; 4-6; Riversdale, Mossel Bay.
simplex T.M. Salter - leaves basal, dwarf, scape 20-30 mm, leaflets unifoliate, flowers white or lilac; 7-8; marshy sites, Clanwilliam.

smithiana Ecklon & Zeyher - (klawersuring, rooisuring); leaves basal, scape 90-200 mm, leaflets deeply divided, flowers lilac or white; 3-5; George to Port Elizabeth (widespread in southern Africa).

sonderiana (Kuntze) T.M. Salter - leaves basal, blue-green, scape to 50 mm, flowers yellow or white; 5-6; Clanwilliam (Namaqualand).

stellata Ecklon & Zeyher - stems leafy, flexuose, to 120 mm, leaflets deeply divided, to 220 mm, flowers rosy or white; 4-6; Ceres, Montagu, Peninsula to Port Elizabeth (E Cape).

stenopetala T.M. Salter - stem leafy, 80-120 mm, leaflets linear, flowers white; 5-7; Nieuwoudtville, Clanwilliam (Karoo).

stictocheila T.M. Salter - stem leafy, slender, 50-120 mm, leaflets linear, flowers white with dark margins; 6-7; Malmesbury.

stokoei Weintr. - dwarf, stem leafy, 20-30 mm, flowers magenta; 4-6; upper slopes, Cedarberg, Ceres, Worcester.

strigosa T.M. Salter - leaves basal, scape robust, pubescent, 30-70 mm, flowers rose-red; 4-5; Paarl.

suavis Knuth - leaves basal, scape to 50 mm, flowers yellow or white; 5-6; Malmesbury.

subsessilis L. Bolus - stem leafy, trailing, 200-400 mm, flowers pale lilac with darker margins; 5-7; Saldanha Bay.

suteroides T.M. Salter - stem leafy, glandular-pubescent throughout, to 250 mm, flowers whitish; 5-6; Nieuwoudtville (S Namaqualand).

tenella Jacq. - stem leafy, slender, 20-200 mm, flowers white, cream or yellow; 5-7; Clanwilliam, Piketberg (S Namaqualand).

tenuifolia Jacq. - stem leafy, pubescent, 60-240 mm, flowers white with purple margins; 5-8; Paarl to Peninsula, Caledon.

tenuipes T.M. Salter - slender, stem usually leafy, 150-300 mm, flowers rose; 5-6; Gifberg, Clanwilliam.

tenuis T.M. Salter - stem leafy, pubescent, 70-100 mm, flowers white; 5-7; Gifberg.

tomentosa L.f. - (vingersuring); leaves usually all basal, pubescent, 60-120 mm, leaflets 10-20, flowers white; 4-6; Clanwilliam to Peninsula.

tragopoda T.M. Salter - leaves basal, scape 150-200 mm, flowers lilac; 4-6; Knysna, Port Elizabeth (E Cape).

truncatula Jacq. - leaves basal, scape usually pubescent, 100-120 mm, flowers lilac; 4-6; Paarl, Caledon, Bredasdorp.

uliginosa Schltr. - leaves basal, scape 60-160 mm, flowers yellow; 6-9; marshy places, Clanwilliam.

urbaniana Schltr. - stems erect, leafy, 70-150 mm, flowers pink or white; 5-8; Ceres?, Tulbagh, Paarl, Malmesbury.

variifolia Steudel - stem leafy, 70-120 mm, leaflets 3-5, flowers white or lilac; 5-7; Clanwilliam, Piketberg, Malmesbury.

versicolor L. - stem leafy, 80-200 mm, flowers white or yellow with purplish margins; 5-9; Clanwilliam to Peninsula, Caledon (S Namaqualand).

viscidula Schltr. - (aff. **O. imbricata** Ecklon & Zeyher); leaves basal, scape pubescent, to 30 mm, flowers reddish; Worcester.

viscosa E. Meyer ex Sonder - stem leafy, glandular-pubescent throughout, 100-170 mm, flowers white; 5-7; Clanwilliam, Tulbagh (S Namaqualand).

xantha T.M. Salter - stem leafy below, slender, 80-190 mm, flowers bright yellow; 6-7; Clanwilliam.

zeekoevleyensis Knuth - leaves basal, scape pubescent, 40-70 mm, flowers rosy-lilac; 6-8; Caledon, Bredasdorp, Riversdale.

zeyheri Sonder - stem leafy, pubescent, to 70 mm, leaflets 7-15, flowers rose to lilac; 4-5; Ceres?, Worcester, Montagu (W Karoo).

PAPAVERACEAE

PAPAVER ca 100 sp - mainly North temperate

aculeatum Thunb. - (wild poppy, koringroos, wildepapawer); scabrid to spinescent annual, to 700 mm, flowers orange; 10-12; disturbed ground, George to Uitenhage (scattered in southern Africa).

PENAEACEAE

BRACHYSIPHON 4 sp - S W Cape

acutus (Thunb.) Adr. Juss. - shrub with sessile elliptic-obovate leaves, to 400 mm, flowers purple; 10-12; mainly montane or sandy flats, Caledon, Bredasdorp.
fucatus (L.) Gilg - (sissies); shrub with broad sessile ovate leaves, 600-900 mm, flowers reddish; 5-8; mountain fynbos in rocky places, Cape Peninsula.
mundii Sonder - low decumbent shrublet with small lanceolate leaves, to 200 mm, flowers red; ?; limestone hills, de Hoop, Bredasdorp.
rupestris Sonder - low shrublet with broad obovate leaves, to 400 mm, flowers red to pink; 7-10; rock crevices, Klein River Mts.

ENDONEMA 2 sp - S W Cape

lateriflora (L.f.) Gilg - shrub with broad flat imbricate leaves, to 1,4 m, flowers yellow; 1-4; rocky south-facing slopes, Riviersonderend Mts.
retzioides Sonder - erect shrub with linear leaves, to 1 m, flowers dull yellow with red tips; 2-10; south-facing rocky slopes, Riviersonderend Mts.

GLISCHROCOLLA 1 sp - S W Cape mts.

formosa (Thunb.) R. Dahlgren - shrub with imbricate elliptic leaves, to 500 mm, flowers yellow, marked with red; 11-3; rocky upper slopes, Hottentots Holland Mts.

PENAEA 3 sp - S W Cape

acutifolia Adr. Juss. - erect shrub with lanceolate leaves, to 1,5 m, flowers yellow fading to purple; 1-12; mountain fynbos, Outeniqua Mts.
cneorum Meerb. - shrub with linear to orbicular leaves, to 4 m, flowers yellow; 1-12; Hottentots Holland Mts. to Port Elizabeth.
mucronata L. - erect shrub with acuminate nearly ovate leaves, to 1 m, flowers yellow; 1-12; sandy flats and slopes, Peninsula to Langeberg at Robinsons Pass.

SALTERA 1 sp - S W Cape

sarcocolla (L.) Bullock - (vlieebos); shrub with broad leathery leaves, to 1 m, flowers purple, large; 1-12; sandy slopes and plateaus, Franschhoek, Peninsula to Bredasdorp.

SONDEROTHAMNUS 2 sp - S W Cape

petraeus (W. Barker) R. Dahlgren - erect shrublet with broad leaves, to 250 mm, flowers pink; 10-1; rock crevices, Cape Hangklip to Kleinmond.
speciosus (Sonder) R. Dahlgren - erect shrub with broadly ovate leaves, to 500 mm, flowers pink to purple; 7-10; sandy slopes, Klein River Mts.

STYLAPTERUS 8 sp - S W Cape

barbatus Adr. Juss. - shrub with narrowly lanceolate leaves, to 600 mm, flowers pale yellow; 10-11; high mountain fynbos, Landdrost Kop.
candolleanus (Stephens) R. Dahlgren - procumbent shrublet with elliptic leaves, flowers ?; ?; among rocks, locality unknown.
dubius (Stephens) R. Dahlgren - shrub with lanceolate leaves, to 500 mm, flowers white; 5-9; upper slopes, Langeberg Mts., Swellendam to Riversdale.
ericifolius (Adr. Juss.) R. Dahlgren - erect shrub with linear leaves, to 1 m, flowers pale yellow; 9-11; lower slopes, Langeberg near Swellendam.
ericoides Adr. Juss - shrub with linear leaves, to 800 mm, flowers pale yellow to purple; 9-10; streamsides in mountains, Tulbagh to Paarl.
fruticulosus (L.f.) Adr. Juss. - shrublet with obovate leaves, to 500 mm, flowers pale yellow to purple; 7-11; sandy flats and plateaus, Cape Peninsula.
micranthus R. Dahlgren - straggling shrub with short linear leaves, to 1,2 m, flowers purple; 9-10; streambanks, Elgin.
sulcatus R. Dahlgren - shrub with lanceolate leaves, to 800 mm, flowers pale yellow; 9-12; high rocky slopes, mountains east of Paarl.

PIPERACEAE

PEPEROMIA ca 1 000 sp - pantropical and warm temperate

retusa (L.f.) A. Dietr. - creeping perennial with glossy succulent leaves, to 300 mm, flowers minute, in greenish spikes; 1-3; shaded wet rocks, Peninsula to Knysna (to Transvaal).
tetraphylla (G. Forster) Hook. & Arn. - creeping perennial with glossy succulent leaves in fours, to 150 mm, spikes greenish; 1-4; shady rocks or tree trunks, Swellendam to Port Elizabeth (more or less worldwide in warmer areas).

PIPER ca 2 000 sp - cosmopolitan in warm regions

capense L.f. - (bospeper, wildepeper); erect or climbing shrublet with jointed branches, spikes white; 10-11; forest, Swellendam to Port Elizabeth (E Cape to tropical Africa).

PITTOSPORACEAE

PITTOSPORUM ca 200 sp - palaeotropical and warm temperate

viridiflorum Sims - (pittosporum, kasuur); small tree to 10 m, fruit brownish, splitting to show red seeds, flowers cream or greenish; 11-12; coastal bush or forests, Swellendam to Port Elizabeth (E Cape to tropical Africa).

PLANTAGINACEAE

PLANTAGO ca 265 sp - cosmopolitan

cafra Decne. - (incl. **P. capillaris** E. Meyer ex Decne.); small pubescent annual with basal leaves, 20-180 mm, flowers small, white, in dense spikes; 8-10; Nieuwoudtville to Peninsula, Caledon (Namaqualand).
crassifolia Forsskal - (= **P. carnosa** Lam.); perennial with thick scaly rootstock and fleshy leaves, 100-400 mm, flowers small, white, in dense spikes; 11-2; coastal sand, Malmesbury, Peninsula to Port Elizabeth (to tropical Africa, Europe).

***lanceolata** L. - (lamb's-tongue, buckhorn plantain, weeblaar); perennial with long narrow basal leaves, to 600 mm, flowers small, whitish, in dense spikes; 1-12; widespread (cosmopolitan weed).

***major** L. - (plantain, breëblaar, tongblaar); perennial with broad basal leaves, 100-250 mm, flowers small, whitish, in dense spikes; 9-2; widespread (cosmopolitan weed).

remota Lam. - perennial with woolly rootstock and basal leaves, to 300 mm, flowers small, whitish in dense spikes; 8-1; Peninsula (Transvaal, Natal).

PLUMBAGINACEAE

LIMONIUM ca 100 sp - maritime and arid regions in N Hemisphere, also Africa and Australia

acuminatum L. Bolus - tufted sprawling perennial, 200-400 mm, flowers lilac; 12-2; coastal rocky areas, Malmesbury.

amoenum (C.H. Wright) R.A. Dyer - twiggy erect shrublet, to 300 mm, flowers rose-pink; 10-12; karroid areas, Ceres, Worcester (W Karoo).

anthericoides (Schltr.) R.A. Dyer - (brakblommetjie); tufted perennial with slender branches, 200-500 mm, flowers white, occ. lilac; 12-2; coastal areas, Caledon to Swellendam.

billardieri (Girard) Kuntze - tufted perennial, 150-200 mm, flowers lavender; 8-3; sand dunes, Malmesbury, Peninsula to Bredasdorp.

capense (L. Bolus) L. Bolus - leafy shrublet, 300-450 mm, flowers bright pink; 11-1; coastal fynbos, Malmesbury.

decumbens (Boiss.) Kuntze - known only from the abnormal type specimen; Malmesbury?, Piketberg?.

dregeanum (Presl) Kuntze - tufted perennial, woody below, 100-400 mm, flowers blue to lavender; 12-5; Ceres, Worcester to Oudtshoorn, Swellendam, Riversdale (Karoo, Namaqualand, Namibia).

equisetinum (Boiss.) R.A. Dyer - erect or sprawling densely branched shrublet with tufted base, flowers lavender; 9-1; coastal areas or salt pans, Clanwilliam, Piketberg to Peninsula (Namaqualand).

kraussianum (Buchinger ex Boiss.) Kuntze - mat-like perennial with spreading scapes, 30-300 mm, flowers lavender; 9-2; coastal, Caledon to Swellendam.

linifolium (L.f.) Kuntze - tufted shrublet, 30-100 mm, flowers lavender; 11-1; coastal or saline areas, Riversdale to Port Elizabeth (E Cape, Transkei).

longifolium (Thunb.) R.A. Dyer - tufted robust shrublet, 120-450 mm, flowers cream; 9-1; coastal and inland, Gifberg to Malmesbury, Worcester, Robertson, Riversdale (Namaqualand).

***perigrinum** (Bergius) R.A. Dyer - (sea lavender, papierblom, strandroos); leafy shrublet, 300-450 mm, flowers rose; 8-1; sandveld, Clanwilliam to Malmesbury (Namaqualand).

purpuratum (L.) Hubb. ex L. Bailey - (resembles L. **perigrinum**) (papierblom, strandroos); leaves smooth, flowers pink; 10-2; sandveld, Malmesbury, Peninsula.

scabrum (Thunb.) Kuntze - (sea lavender, brakblommetjie); much-branched tufted shrublet, 100-250 mm, flowers lavender to violet; 10-5; coastal dunes and estuaries, Peninsula to Port Elizabeth (E Cape).

***sinuatum** (L.) Miller - (statice); pubescent perennial with winged stems, 200-400 mm, flowers purple; 10-1; garden escape, Clanwilliam, Peninsula (Mediterranean to Asia).

PLUMBAGO ca 10 sp - more or less cosmopolitan

auriculata Lam. - (plumbago, syselbos); shrub or scrambler to 2 m, flowers blue, occ. white; 12-5; scrub, Knysna to Port Elizabeth (E Cape to Transvaal).
tristis Aiton - much-branched glandular shrublet, to 300 mm, flowers purple or red; 10-3; arid areas, Little Karoo.

POLYGALACEAE

MURALTIA ca 115 sp - S W Cape to Tanzania

acerosa Harvey - tufted shrublet, 80-160 mm, leaves short, needle-like, flowers pink or white; 10-12; coastal fynbos, Swellendam.
acicularis Harvey - sprawling shrublet, to 250 mm, leaves spine-tipped, flowers purplish; 9-11; upper slopes, Clanwilliam to Tulbagh, Paarl.
acipetala Harvey - erect or spreading shrublet, 120-150 mm, flowers pink or white; 9-2; Cape Peninsula.
aciphylla Levyns - branching shrublet, 100-300 mm, flowers pink; 9-10; lower slopes, Stellenbosch.
alba Levyns - densely leafy erect shrub, 500-700 mm, leaves to 10 mm, flowers white and purple; 9-4; mountain slopes, Paarl, Stellenbosch.
alopecuroides (L.) DC. - variable shrub or shrublet, 0,2-1 m, flowers pink, occ. white; 9-4; flats and slopes, Nieuwoudtville to Port Elizabeth (E Cape).
angulosa Turcz. - sparsely leafy shrublet, branching below, 200-600 mm, flowers white or pink; 8-12; drier upper slopes, Cedarberg, Ceres, Piketberg, Tulbagh.
angustiflora Levyns - rigid branched shrub with pungent leaves, to 500 mm, flowers pink; 10; middle slopes, Ceres.
arachnoidea Chodat - rigid spreading shrublet, 300-600 mm, flowers white or mauve; 8-2; Piketberg, Malmesbury.
aspalatha DC. - erect or spreading shrublet, 100-200 mm, flowers white or pale pink; 8-12; lower slopes, Stellenbosch, Caledon.
aspalathoides Schltr. - much-branched shrublet, 100-200 mm, leaves spine-tipped, flowers pink; 1; Caledon.
asparagifolia Ecklon & Zeyher - shrublet with flexuose branches and very fine leaves, flowers pink; 10-12; lower slopes, Stellenbosch.
barkerae Levyns - low woody shrublet, to 300 mm, flowers magenta; 8; limestone hills, Riversdale.
bolusii Levyns - prostrate pubescent shrublet, flowers pink; 9-1; sandy coastal flats, Caledon.
brachyceras Schltr. - small erect or spreading shrublet, flowers pink; 9; upper slopes, Ceres.
brachypetala Wolley-Dod - stiff erect shrublet with needle-like leaves, to 300 mm, flowers pink; 6-12; flats and lower slopes, Cape Peninsula.
brevicornu DC. - erect sparsely leafy shrublet, 300-900 mm, flowers pink; 1-12; flats, Piketberg to Peninsula.
caledonensis Levyns - sprawling shrublet, 120-150 mm, flowers pink; 11; lower slopes, Caledon.
calycina Harvey - much-branched low woody shrub, 100-500 mm, flowers pink; 2-6; limestone hills, Bredasdorp.
capensis Levyns - shrublet to 150 mm, flowers pink; ?; Caledon (poorly known).
carnosa E. Meyer ex Harvey - shrub with minute fleshy leaves, flowers mauve; 10; upper slopes, Oudtshoorn.
chamaepitys Schltr. - slender sparsely leafy shrublet, 100-400 mm, flowers pink; 9; Caledon.

ciliaris DC. - erect or prostrate pubescent shrublet, 100-200 mm, flowers pink or magenta; 4-12; flats and lower slopes, Swellendam to Knysna.
cliffortiifolia Ecklon & Zeyher - rounded shrub with rigid spiny leaves, to 600 mm, flowers pale magenta; 3-6; Ladismith, Riversdale, Mossel Bay.
collina Levyns - erect shrublet, to 350 mm, flowers magenta; 9-1; lower slopes, Bredasdorp, Swellendam.
commutata Levyns - erect or spreading woody shrublet, 150-400 mm, flowers pink; 9-10; dry upper slopes, Ceres, Worcester, Witteberg.
comptonii Levyns - sprawling shrublet, flowers magenta; mainly 7-9; sandy slopes, Cape Peninsula.
concava Levyns - low branched shrublet, to 300 mm, flowers pale pink; ?; upper slopes, Caledon (poorly known).
crassifolia Harvey - low shrublet, 80-160 mm, flowers cream or pink; 12-1; mountain summits in rock crevices, Cedarberg to Worcester, Tulbagh.
curvipetala Levyns - erect shrublet, to 400 mm, flowers magenta; 8-12; middle alt., Cape Peninsula.
cuspifolia Chodat - densely leafy spreading shrublet, 70-100 mm, flowers pink; 9-1; lower slopes, Bredasdorp.
cyclolopha Chodat - erect or spreading shrublet, 60-250 mm, flowers pink; 9-1; lower slopes, Bredasdorp.
decipiens Schltr. - erect or spreading shrublet, to 200 mm, flowers mauve or white; 9-11; Paarl.
demissa Wolley-Dod - tufted shrublet, to 300 mm, flowers pink, occ. white; 8-11; flats and slopes, Cape Peninsula.
depressa DC. - prostrate woody shrublet, to 350 mm, flowers magenta; 8-12; calcareous lower slopes, Riversdale, Mossel Bay.
diabolica Levyns - much-branched shrublet with spine-tipped leaves, to 300 mm, flowers pink or white; 9-3; middle slopes, Cape Peninsula.
dispersa Levyns - much-branched, erect or spreading woody shrub, to 400 mm, flowers white or pink; 8-1; dry upper slopes, Ladismith, Oudtshoorn, Riversdale, Humansdorp.
divaricata Ecklon & Zeyher - variable shrublet, to 500 mm, flowers pink, mauve or white; 9-12; stony lower slopes, Ceres, Worcester, Tulbagh to Caledon.
dumosa (Poiret) DC. - spreading shrub, to 300 mm, flowers pink; 7-9; coastal flats, Clanwilliam to Peninsula.
elsieae J. Paiva - slender leafy shrub, to 1,5 m, flowers purple; 9-10; upper slopes, Ladismith.
empleuridioides Schltr. - slender shrublet, 130-350 mm, flowers pink, occ. white; 8-12; coastal sands, Caledon, Bredasdorp, Swellendam.
ericifolia DC. - stiff erect spiny-leafed shrub, 300-700 mm, flowers pink or white; 1-12; flats and slopes, Robertson to Oudtshoorn, Caledon to Port Elizabeth (Karoo).
ericoides (Burm. f.) Steudel - erect or spreading shrublet branching from base, 100-400 mm, flowers magenta; 8-4; flats and lower slopes, Malmesbury, Paarl, Peninsula to Uniondale.
ferox Levyns - rigid much-branched shrub with thick leaves, to 600 mm, flowers pink; 9; lower rocky slopes, Worcester.
filiformis (Thunb.) DC. - slender shrublet branched from base, 100-300 mm, flowers magenta; 8-1; damp lower slopes, Paarl, Peninsula to Bredasdorp.
gillettiae Levyns - low shrublet, 60-250 mm, flowers pale pink; 9-10; lower slopes, Bredasdorp.
guthriei Levyns - rigid branching shrub, to 450 mm, flowers white; 1; rocky middle slopes, Stellenbosch, Caledon.
harveyana Levyns - spreading shrublet with linear leaves, flowers pink; 8; coastal sand, Malmesbury.

heisteria (L.) DC. - variable rigid shrub with spiny leaves, 0,2-1 m, flowers purple or white; 7-12; flats and slopes, Nieuwoudtville to Peninsula, Ceres to Witteberg, Swartberg Mts., Caledon to Riversdale.

hirsuta Levyns - low shrublet, 100-150 mm, flowers white, fading pink; 2; Caledon.

horrida Diels - rigid shrublet with spiny branches, to 500 mm; dry slopes and plateaus, Nieuwoudtville to Cedarberg (W Karoo).

hyssopifolia Chodat - erect or spreading shrublet, 100-450 mm, flowers purple or mauve; 7-2; upper slopes, Paarl, Caledon.

juniperifolia (Poiret) DC. - stiff spiny-leafed shrub, to 500-900 mm, flowers pink or white; 5-10; upper slopes, Uniondale to Uitenhage (S Karoo).

karroica Levyns - stiff shrub, to 1 m, flowers white; 6-7; dry upper slopes, Ladismith.

knysnaensis Levyns - shrublet, 100-200 mm, flowers pink; 10-12; flats and lower slopes, Knysna.

langebergensis Levyns - branching pubescent shrublet, to 400 mm, flowers purple; 3-4; upper slopes, Swellendam.

leptorhiza Turcz. - shrublet with slender flexuose stems, to 300 mm, flowers mauve; 11-12; mid to upper slopes, Swellendam to Uniondale.

lewisiae Levyns - spreading shrublet with tangled branches and reflexed leaves, to 200 mm, flowers whitish; 12-1; limestone ridges, Bredasdorp.

lignosa Levyns - low rigid shrublet, 400-600 mm, flowers pink or white; 10-11; upper slopes, Ceres, Worcester.

longicuspis Turcz. - shrublet, 100-300 mm, flowers white or pink; 8-4; uppermost slopes, Paarl, Stellenbosch, Worcester, Caledon.

macrocarpa Ecklon & Zeyher - woody shrub, 400-800 mm, flowers white, occ. pink; 7-12; dry upper slopes, Robertson, Montagu (Karoo).

macropetala Harvey - rigid branched low shrub, 400-600 mm, flowers bright purple; 6-11; flats and lower slopes, Malmesbury to Peninsula.

minuta Levyns - much-branched shrublet, 60-200 mm, flowers magenta; 10-2; coastal sand, Caledon.

mitior (Bergius) Levyns - erect shrub, 400-900 mm, flowers pink; 6-2; sand dunes and lower slopes, Peninsula to Bredasdorp.

mixta (L.f.) DC. - low shrublet, to 160 mm, flowers white or lilac; 10-11; middle slopes, Cape Peninsula.

montana Levyns - low shrublet, 100-200 mm, flowers pink or white; 12; upper slopes, Tulbagh, Worcester, Paarl.

muirii F. Bolus - shrublet branching from base, 140-200 mm, flowers magenta; 11-4; Mossel Bay, George.

muraltioides (Ecklon & Zeyher) Levyns - (pyn-in-die-sy-bossie); low spreading shrublet, 140-200 mm, flowers white or mauve; 8-12; dry lower slopes, Tulbagh, Worcester to Montagu, Swellendam to Port Elizabeth.

mutabilis Levyns - erect or sprawling shrublet, 100-250 mm, flowers pink; 8-1; lower coastal slopes, Caledon.

obovata DC. - woody shrublet, flowers white or pink; 7-9; sandy flats, Clanwilliam, Malmesbury (S Namaqualand).

occidentalis Levyns - erect shrub, to 400 mm, flowers pink or white; 8-10; upper slopes, Stellenbosch, Caledon.

ononidifolia Ecklon & Zeyher - much-branched shrub with spiny leaves, 300-600 mm, flowers white or pink; 5-9; lower slopes, Ceres, Malmesbury, Paarl, Peninsula to Swellendam.

orbicularis Hutch. - spreading robust shrublet, to 300 mm, flowers magenta; 5-9; coastal slopes, Cape Peninsula.

origanoides Presl - much-branched woody shrublet, 100-200 mm, flowers pink; 7-9; upper slopes, Clanwilliam to Malmesbury.

oxysepala Schltr. - prostrate matted shrublet, flowers white or lilac; 10; moist flats and lower slopes, Paarl, Stellenbosch.
pageae Levyns - low shrub, 200-300 mm, flowers magenta; mainly 4-5; sandy flats, Cape Peninsula.
paludosa Levyns - slender spreading shrublet, 200-500 mm, flowers mauve; 8-9; moist sandy flats and plateaus, Caledon.
pappeana Harvey - low woody shrub, flowers white and purple; 4-8; limestone flats, Bredasdorp to Riversdale.
pauciflora (Thunb.) DC. - slender sparsely leafy shrublet, flowers pale pink; 1-12; near streams, Ceres to Peninsula, Worcester, Caledon, Swellendam.
pillansii Levyns - low sprawling shrub, 200-500 mm, flowers white or pale pink; 9-12; dry middle slopes, Clanwilliam, Piketberg.
plumosa Chodat - slender shrublet with spine-tipped leaves, 100-200 mm, flowers pink or white; 11-12; upper slopes, Swellendam to Uniondale.
polyphylla (DC.) Levyns - low branching shrublet, flowers white or pinkish; 11-2; rock crevices at high alt., Ceres, Worcester.
pottebergensis Levyns - sprawling pubescent shrublet, to 800 mm, flowers pink; 9-11; mountain slopes, Bredasdorp.
pubescens DC. - soft-leafed spreading shrublet, 100-200 mm, flowers pale pink; 8-3; rock crevices at high alt., Stellenbosch.
pungens Schltr. - much-branched spiny shrub, 300-600 mm, flowers pale magenta; flats or lower slopes, Caledon, Bredasdorp.
rhamnoides Chodat - much-branched shrublet, 100-600 mm, flowers pink; 7-11; drier areas, Gifberg to Ceres, Worcester to Montagu, Caledon to Riversdale.
rosmarinifolia Levyns - spreading shrublet, 100-250 mm, flowers pink; 11-1; coastal hills, Peninsula to Caledon.
rubeacea Ecklon & Zeyher - (kroesbossie); much-branched shrublet, 300-800 mm, flowers magenta, mauve or white; 6-11; coastal flats, Caledon, Bredasdorp.
salsolacea Chodat - low spreading shrublet, to 250 mm, flowers magenta; 8-2; coastal limestone hills, Bredasdorp, Swellendam.
satureioides DC. - erect or spreading shrublet, 300-600 mm, flowers pink or white; 8-5; coastal flats, mainly on limestone, Peninsula to Knysna.
schlechteri Levyns - slender woody shrublet, 100-500 mm, flowers pink; 9-12; middle slopes, Caledon.
scoparia (Ecklon & Zeyher) Levyns - rigid sparsely leafed shrub, to 1 m, flowers pink or white; 6-11; dry upper slopes, Cedarberg, Montagu, Witteberg and Swartberg Mts. (Karoo).
serpylloides DC. - low spreading shrublet, 200-400 mm, flowers pink or mauve; 6-2; lower slopes, Paarl to Peninsula.
serrata Levyns - shrublet with rigid slender stems, flowers pink or white; 11; upper slopes?, Worcester.
spicata Bolus - erect shrublet, 300-600 mm, flowers pink; 7; low coastal hills, Bredasdorp.
splendens Levyns - erect shrublet, 150-500 mm, flowers pink, or white and purple; 6-12; coastal limestone hills, Bredasdorp, Riversdale.
squarrosa (L.f.) DC. - erect or spreading prickly shrub, to 1 m, flowers magenta; 10-5; flats and lower slopes, George to Port Elizabeth (E Cape).
stenophylla Levyns - slender shrublet, 300-400 mm, flowers magenta, 11-1; upper slopes, Ceres, Worcester, Caledon.
stipulacea (Burm. f.) DC. - prostrate or spreading shrublet, flowers pink or mauve; 6-11; lower slopes, Cape Peninsula.
stokoei Levyns - low shrublet, to 200 mm, flowers pink; 3-4; middle slopes, Caledon.
tenuifolia (Poiret) DC. - tangled shrublet, to 600 mm, flowers pink; 1-3; mid to upper slopes, Caledon.

thunbergii Ecklon & Zeyher - erect or spreading shrublet, to 400 mm, flowers pink or white; mainly 9-12; flats and lower slopes, Malmesbury, Paarl, Peninsula.
thymifolia (Thunb.) DC. - erect or spreading shrublet, 200-600 mm, flowers pink or white; 7-1; Clanwilliam?, Piketberg to Peninsula.
trinervia (L.f.) DC. - prostrate or sprawling shrublet, 100-250 mm, flowers white or pink; 7-11; gravel flats, Tulbagh, Malmesbury, Paarl.
vulnerans Levyns - much-branched spiny shrub, to 800 mm, flowers white or white and purple; 8-11; dry upper slopes, Witteberg and Swartberg Mts. (Karoo).
vulpina Chodat - erect shrublet, 200-700 mm, flowers magenta; 4-11; low marshy flats, Stellenbosch, Caledon.

NYLANDTIA 1 sp - Namaqualand, S W to E Cape

spinosa (L.) Dumort. - (bokbessie, skilpadbessie, duinebessie); variable spiny sparsely leafed deciduous shrub, 1-2 m, berries red; 11-3; flowers purple, pink, occ. white; 4-10; sandy areas, throughout S W Cape (Namaqualand, E Cape).

POLYGALA ca 600 sp - cosmopolitan

affinis DC. - shrublet branching from woody base, 150-300 mm, flowers magenta; 6-10; flats and slopes, Nieuwoudtville, Clanwilliam to Stellenbosch, Worcester to Uniondale (Namaqualand, Karoo).
asbestina Burchell - (skaapertjie); low spreading woody shrublet, 100-200 mm, flowers bright blue; 9-3; dry slopes, Oudtshoorn, Uitenhage (Karoo).
brachyphylla Chodat - spreading shrublet with angular rigid branches, 200-350 mm, flowers purple; 9-2; middle slopes, Clanwilliam.
bracteolata L. - erect or spreading shrublet, branched from the base, 200-800 mm, flowers large, magenta; 8-11; flats and lower slopes, Gifberg to Peninsula, Worcester, Robertson, Caledon to Humansdorp.
dasyphylla Levyns - pubescent spreading shrublet, to 200 mm, flowers pink; 10; sandy flats, Bredasdorp.
ericifolia DC. - slender shrublet branching from base, 150-400 mm, flowers pink or magenta; 10-12; coastal scrub, George to Port Elizabeth.
fruticosa Bergius - variable branched shrub with opposite leaves, to 2 m, flowers magenta; 6-2; flats to upper slopes, Ceres, Worcester, Caledon to Port Elizabeth (Karoo, E Cape to Natal).
garcinii DC. - slender shrublet branching below, 300-450 mm, flowers magenta; 6-11; flats to upper slopes, Nieuwoudtville to Peninsula, Caledon to Knysna, Worcester, Witteberg, Oudtshoorn (Karoo, S Namaqualand).
hispida Burchell - pubescent shrublet spreading from basal crown, 150-350 mm, flowers purple or mauve; 10-1; George, Port Elizabeth (E Cape to Natal).
hottentotta Presl - slender erect shrublet, to 300 mm, flowers purple; 8-3; Knysna?, Uitenhage (E Cape to tropical Africa).
illepida E. Meyer - slender almost leafless shrublet, 90-150 mm, flowers greenish; 10-5; karroid areas, Uitenhage (E Cape).
langebergensis Levyns - densely leafed erect shrublet, to 700 mm, flowers pale pink or white; 7-10; middle slopes, Riversdale.
lasiosepala Levyns - much-branched shrub, to 1 m, flowers mauve; 9; Clanwilliam (Namaqualand).
lehmanniana Ecklon & Zeyher - erect or spreading perennial, to 300 mm, flowers purple; 9-12; mountain slopes, Clanwilliam to Peninsula, Bredasdorp, Worcester.
ludwigiana Ecklon & Zeyher - somewhat twiggy slender shrublet, 150-500 mm, flowers magenta; 9-12; middle slopes and plateaus, Nieuwoudtville to Cedarberg, Piketberg, Tulbagh.

meridionalis Levyns - erect or spreading shrublet, 100-700 mm, flowers magenta; 8-11; coastal hills, Peninsula to Bredasdorp.

microlopha DC. - branched twiggy shrublet, 150-600 mm, flowers purple; 6-11; dry mid to upper slopes, Swartberg Mts., Mossel Bay to Uitenhage (Karoo, E Cape).

myrtifolia L. - (blouertjieboom, septemberbos); shrub to small tree, to 3 m, flowers purple; 1-12; flats and mountain slopes, throughout S W Cape (Karoo, E Cape to Natal).

nematocaulis Levyns - slender nearly leafless perennial, flowers pink; 10-4; marshy places, Peninsula, Caledon.

pappeana Ecklon & Zeyher - straggling slender almost leafless perennial, to 400 mm, flowers magenta; 12-4; marshy mountain slopes, Ceres, Piketberg to Worcester, Paarl, Caledon.

parkeri Levyns - small shrublet branched from base, 100-300 mm, flowers pink; 10-1; stony hills, Paarl, Stellenbosch, Caledon.

peduncularis DC. - trailing shrublet, 300-600 mm, flowers large, pink or magenta; 9-4; lower slopes and coastal flats, Clanwilliam, Bredasdorp to Knysna.

pinifolia Lam. - woody shrub, to 1 m, flowers mauve or white; 7-10; mountain slopes, Ladismith, Oudtshoorn.

pottebergensis Levyns - erect shrublet branched from base, 200-600 mm, flowers magenta; 9-10; stony flats, Bredasdorp.

pubiflora Burchell ex DC. - spreading rigid pubescent shrublet, to 300 mm, flowers pink; 10-12; Swellendam to Knysna.

recognita Chodat - soft shrublet with woody base, 150-400 mm, flowers magenta; 8-11; middle slopes, Cape Peninsula.

refracta Burchell ex DC. - spreading slender shrublet branching from woody base, 150-300 mm, flowers magenta; 9-2; middle slopes, Cedarberg to Peninsula, Caledon to Uitenhage (E Cape).

teretifolia L.f. - (Bothasblombos); branched shrub to 1 m, flowers magenta; 1-12; karroid upper slopes, Montagu, Witteberg and Swartberg Mts., Riversdale, George (Karoo, Namibia, tropical E Africa).

triquetra Presl - erect shrublet branched from base, to 800 mm, flowers magenta or pink; 8-1; lower and middle slopes, Swellendam to Uniondale.

umbellata L. - erect or spreading shrublet, 200-400 mm, flowers magenta; 8-10; dry lower slopes, Ceres, Caledon to Riversdale.

virgata Thunb. - slender shrub, to 3 m, flowers purple; 1-12; widespread in S W Cape (southern and tropical Africa).

wittebergensis Compton - erect or sprawling densely flowered shrublet, 150-700 mm, flowers magenta; 8-11; mountain slopes and coastal flats, Ceres, Worcester, Montagu, Witteberg and Swartberg Mts., Bredasdorp to Port Elizabeth.

POLYGONACEAE

EMEX 2 sp - southern Africa, Mediterranean and Australia

australis Steinh. - (devil's thorn, duiweltjie, dubbeltjie); fleshy annual with spiny fruit, to 400 mm, flowers greenish; 8-10; widespread, usually on disturbed flats and lower slopes (southern Africa, Europe, Australia).

POLYGONUM ca 600 sp - cosmopolitan

***aviculare** L. - (knotgrass, varkgras, koperdraad); sprawling perennial with leafy branches, to 600 mm, flowers inconspicuous, pink or white; 11-4; widespread on disturbed soil (worldwide weed).

***convolvulus** L. - (= **Bilderdykia convolvulus** (L.) Dumort.); slender twining annual, to 1 m, flowers in clusters, greenish; 11-1; garden weed, Stellenbosch, Peninsula (Transvaal, tropical Africa, Europe, Asia).
***lapathifolium** L. - (hanekam); robust annual, to over 1 m, leaves lanceolate, to 200 mm long, flowers small, pink or red; 10-6; marshes, Stellenbosch, Peninsula, Caledon, Uitenhage, Ladismith (worldwide weed).
***maritimum** L. - sprawling somewhat woody perennial, to 500 mm, branches with conspicuous white sheaths, flowers small, pink or white; 6-11; seashore, Saldanha to Peninsula, Caledon (tropical Africa, Europe, America).
***pulchrum** Blume - (= **P. tomentosum** Willd. and **P. setulosum** A. Rich.); stout pubescent perennial, to 2 m, leaves narrow, to 200 mm, flowers pink or cream; 11-5; streams or marshes, Paarl, Peninsula to Port Elizabeth (Africa, Asia).
***salicifolium** Brouss. ex Willd. - (snake root, duisendknoop, hanekam); semi-erect soft perennial, to 1 m, flowers pink; 1-12; marshes or streamsides, Peninsula to Port Elizabeth (widespread in Africa, Europe).
undulatum (L.) Bergius - erect or sprawling shrublet, to 500 mm, flowers white or yellow, in dense leafy spikes; 12-4; lower clay slopes, Paarl, Peninsula to Bredasdorp, Humansdorp to Uitenhage (E Cape).

RUMEX ca 200 sp - cosmopolitan

***acetosella** L. - (= **Acetosella vulgaris** (Koch) Fourr.) (sheep sorrel, steenboksuring, rooisuring); perennial to 300 mm, leaves hastate, flowers red; 9-11; widespread in S W Cape, especially disturbed soil (Europe, Australia, America).
cordatus Desf. - (= **R. sarcorrhizus** Link) (maksuring, suring, tongblaar); annual or perennial to 500 mm, leaves lorate, fruits red; 8-10; flats and lower slopes, Gifberg to Knysna (Namaqualand, Karoo, E Cape to Natal).
***crispus** L. - (dock, tongblaar, weeblaar); erect perennial, to 1 m, leaves long and strap-shaped, to 450 mm, fruit in dense panicles, reddish; 11-2; disturbed soil, Peninsula, Caledon (cosmopolitan weed).
lanceolatus Thunb. - (= **R. ecklonianus** Meissner) (common dock, tongblaar, suring); erect perennial, to 600 mm, leaves elliptic, fruit reddish; 11-2; damp areas, Peninsula to Port Elizabeth (southern Africa).
lativalvis Meissner - (veldsuring); erect perennial, to 500 mm, leaves hastate, to 500 mm, fruits red; 9-10; sand flats or sand dunes, Clanwilliam to Peninsula, Uniondale, Uitenhage (Namaqualand, Namibia).
***pulcher** L. - (fiddle dock); erect perennial, to 600 mm, leaves oblong, to 100 mm, fruits brownish, prickly; 12-2?; roadsides and disturbed ground, Stellenbosch, Peninsula, Knysna, Humansdorp (widespread weed).
sagittatus Thunb. - (climbing sorrel, rooisuring, ranksuring); climbing or prostrate perennial with sagittate leaves, fruits red; 2-5; forest margins, Peninsula to Port Elizabeth (E Cape to Transvaal, Namaqualand, Namibia).

PORTULACACEAE

ANACAMPSEROS ca 70 sp - mainly Africa, one in Australia

arachnoides (Haw.) Sims - (haaskos); dwarf shrublet with green succulent leaves, to 100 mm, flowers white, tinged mauve; 11-1; arid areas, Riversdale, Uitenhage (Karoo, E Cape, Namaqualand).
comptonii Pill. - minute tufted succulent with tiny fleshy leaves, flowers pink; 3-4; rock pavement, Nieuwoudtville, Gifberg, Clanwilliam.
filamentosa (Haw.) Sims - (boesmansuring, bok-kos); succulent with leafy stems, to 50 mm, leaves densely pubescent and fleshy, scapes to 75 mm, flowers rose-pink; 12-1; Uitenhage (E Cape, OFS).

lanceolata (Haw.) Sweet - succulent with leafy stems to 80 mm, leaves fleshy, flowers rose; 10-1; Nieuwoudtville, Worcester, Riversdale.
lanigera Burchell - (haaskos); low densely tufted perennial with pubescent and cobwebby leaves, to 60 mm high, scapes to 70 mm, flowers pink; 10-11; rock outcrops, Clanwilliam, Ladismith (Karoo, Namibia).
nebrownii Poelln. - low perennial with leafy branched stems to 30 mm, scapes to 56 mm, flowers white; 10; Mossel Bay.
papyracea E. Meyer - (gansmis, haaskos, kareebossie); low perennial with sprawling branches closely covered by white scale-like stipules, to 90 mm, flowers greenish, on short scapes; 10-11; quartzite patches, Little Karoo (N Cape, Karoo, Namaqualand, Namibia).
retusa Poelln. - low perennial with grey bristly branches, to 40 mm, leaves fleshy, blunt, flowers pink; Clanwilliam.
subnuda Poelln. - (resembles **A. lanigera**) (haassuring, muispeerkies); low perennial with fleshy felt-covered leaves, to 50 mm, flowers white or pink; Little Karoo (Karoo, Namaqualand, Transvaal).
telephiastrum DC. - (gemsboksuring, groothaaskos); succulent perennial with fleshy smooth leaves, to 60 mm, scapes to 80 mm, flowers pink; 11-5; Robertson (E Cape, OFS).

PORTULACARIA 3 sp - S Africa, Namibia

afra Jacq. - (elephant's food, spekboom); small succulent tree or shrub, to 3 m, flowers pale pink; 10-11; succulent scrub, Humansdorp to Port Elizabeth (E Cape to Transvaal).

PRIMULACEAE

ANAGALLIS ca 30 sp - cosmopolitan

***arvensis** L. - (scarlet pimpernel, blouselblommetjie); low branching annual, flowers scarlet or bright blue; 7-2; weed of cultivated land (widespread weed).
huttonii Harvey - prostrate or spreading perennial, 300-600 mm, flowers pink or white; 10-1; damp places, Riversdale to Port Elizabeth (E Cape to Transvaal).

LYSIMACHIA ca 200 sp - Europe, Asia, America, 2 in S Africa

nutans Nees - erect perennial, to 600 mm, flowers dark red or purple; 11-1; moist places, Humansdorp, Uitenhage (E Cape).

SAMOLUS ca 15 sp - cosmopolitan, mostly in saline marshes

porosus (L.f.) Thunb. - stiff erect perennial, 300-500 mm, flowers white or pink; 11-2; coastal marshes, Peninsula to Port Elizabeth (E Cape to Natal).
***valerandi** L. - tufted biennial or perennial, 150-400 mm, flowers white or pink; 11-1; moist areas, Peninsula to Port Elizabeth (cosmopolitan weed).

PROTEACEAE

AULAX 3 sp - S W Cape

cancellata (L.) Druce - dioecious shrub with needle-like leaves, to 2 m, flowers yellow; 11-12; sandy mountain slopes, Stellenbosch, Worcester, Caledon, George to Uniondale.

pallasia Stapf - dioecious shrub with persistent rootstock, 1-2 m, leaves needle-like, flowers yellow; 1-3; Cedarberg to Stellenbosch, Worcester, Caledon.
umbellata (Thunb.) R. Br. - dioecious shrub with linear leaves, to 2 m, flowers yellow; 12-6; sandy lower to middle slopes, Peninsula to Bredasdorp, Riversdale?.

BRABEJUM 1 sp - S W Cape

stellatifolium L. - (wild almond, wilde-amandel); widely spreading tree, to 5 m, flowers white, in panicles; 12-1; usually near streams, lower slopes and valleys, Clanwilliam to Riversdale.

DIASTELLA 7 sp - S W Cape

buekii (Gand.) Rourke - trailing mat-like shrublet, 0,15-1 m, flowers pink; 8-11; lower slopes, Paarl (possibly extinct).
divaricata (Bergius) Rourke - low sprawling shrublet, to 500 mm, flowers pink; 1-12; mountain slopes, Paarl, Peninsula to Caledon.
fraterna Rourke - low spreading shrublet, to 700 mm, flowers cream; 1-12; stony flats and lower slopes, Peninsula, Caledon.
myrtifolia (Thunb.) Salisb. ex J. Knight - erect or sprawling shrub, to 1 m x 2 m, flowers pink; 9-1; near streams on middle slopes, Tulbagh.
parilis Salisb. ex J. Knight - low rounded shrublet, 500-700 mm, flowers pink; 7-1; damp lower slopes, Tulbagh, Worcester.
proteoides (L.) Druce - spreading shrublet, to 0,5-3 m, flowers pink; mainly 7-2; sandy flats, Mamre, Paarl to Peninsula.
thymelaeoides (Bergius) Rourke - erect or suberect shrub, 0,5-1,5 m, flowers cream; 1-12; lower to middle slopes, Caledon.

FAUREA 18 sp - southern and tropical Africa, Madagascar

macnaughtonii E. Phillips - (terblans); tree to 20 m, flowers white or pale pink, in spikes; 3-6; evergreen forests, Knysna (Natal, Transvaal, Madagascar, Tanzania).

HAKEA ca 100 sp - Australia

***gibbosa** (Smith) Cav. - (rock hakea, harige hakea, speldebos); shrub or small tree with long pubescent needle-like leaves, 1-3 m, flowers cream; 6-7; sandstone slopes, Peninsula to Caledon? (introduced from E Australia).
***suaveolens** R. Br. - (sweet hakea, speldebos); large shrub or small tree with divided needle-like leaves, fruits clustered, flowers fragrant, white or pink; 5-6; widespread, Peninsula to Port Elizabeth (introduced from W Australia).
***tenuifolia** (Salisb.) Domin - (silky hakea, syerige hakea); shrub or small tree with short needle-like leaves, 2-5 m, flowers white; 6-10; widespread, Peninsula to Port Elizabeth (introduced from E Australia).

LEUCADENDRON ca 80 sp - mainly S W Cape, also in Natal

album (Thunb.) Fourc. - silvery shrub, to 2 m, involucral leaves silvery; 12; upper slopes, Swartberg Mts., Swellendam to Uitenhage.
arcuatum (Lam.) I.J. Williams - sprawling or erect shrub, to 1 m, involucral leaves cream; 9-10; stony upper slopes, Cedarberg to Tulbagh, Piketberg, Worcester.

argenteum (L.) R. Br. - (silver tree, witteboom); tree with silver-grey leaves, to 10 m, involucral leaves silvery-cream; 9; lower slopes, Peninsula, Paarl, Stellenbosch.

barkerae I.J. Williams - stout erect shrub, to 2 m, involucral leaves reddish to cream; 9-10; dry upper slopes, Ceres, Witteberg, Montagu, Swartberg Mts.

bonum I.J. Williams - handsome silver shrub, to 1,6 m, involucral leaves bright yellow; 10-11; upper mountain slopes, Ceres.

brunioides Meissner - erect many-stemmed shrub with linear leaves, to 2 m, involucral leaves green; 10-11; lower to middle slopes, Nieuwoudtville to Ceres, Worcester, Swellendam.

burchellii I.J. Williams - stout shrub, to 1,6 m, involucral leaves yellow and red; 8; upper slopes, Worcester, Caledon.

cadens I.J. Williams - spreading shrub, involucral leaves sometimes yellowish; 10; dry upper slopes, Witteberg Mts.

chamelaea (Lam.) I.J. Williams - erect shrub branching near base, to 2,3 m, involucral leaves yellow; 9; flat alluvial ground, Ceres, Worcester.

cinereum (Sol. ex Aiton) R. Br. - (vaalknopbos, tolbos); narrow-leafed shrub, to 1 m, involucral leaves inconspicuous; 10; lower slopes, Piketberg to Peninsula.

comosum (Thunb.) R. Br. - robust shrub with narrow dimorphic leaves, to 1,7 m, involucral leaves pale green to yellow; 10-11; upper slopes, Paarl, Swartberg Mts., Swellendam to Uniondale.

concavum I.J. Williams - spindly shrub with small oval leaves, to 1,5 m, involucral leaves creamy; 9; mid to upper slopes, Clanwilliam.

conicum (Lam.) I.J. Williams - shrub or tree, 3-6 m, basal involucral leaves yellow or reddish; 10-11; near streams on mid to upper slopes, Riversdale to Port Elizabeth.

coniferum (L.) Meissner - (duinegeelbos); shrub or small tree, to 4 m, involucral leaves yellow; 8-9; coastal sand, Peninsula to Bredasdorp.

cordatum E. Phillips - (bergkatjiepiering); erect or sprawling shrub, to 1 m, involucral leaves yellow to red, nodding; 6-7; rocky mid to upper slopes, Swartberg, Montagu, Swellendam.

coriaceum E. Phillips & Hutch. - low shrub with persistent rootstock, to 600 mm, involucral leaves green; 9; lower slopes, Bredasdorp to Riversdale.

corymbosum Bergius - slender erect ericoid shrub with congested lower leaves, to 2 m, flower-heads yellow; 9-11; clay flats, Ceres, Tulbagh to Malmesbury, Worcester.

cryptocephalum Guthrie - rounded shrub, to 1 m, flower-heads concealed in leaves; 3-5; lower mountain slopes, Caledon, Swellendam.

daphnoides (Thunb.) Meissner - stout shrub, to 1,5 m, involucral leaves pale yellow to ivory-white fading reddish; 7-9; sandy mid to upper slopes, Paarl, Worcester, Caledon.

diemontianum I.J. Williams - spindly shrub, to 2 m, involucral leaves yellow to red; 6; middle slopes, Ceres.

discolor E. Phillips & Hutch. - (rooitolbos); erect shrub, to 3 m, involucral leaves red and yellow; 9; middle slopes, Piketberg.

dregei E. Meyer ex Meissner - sprawling shrub with narrow leaves, 0,6-1 m, involucral leaves inconspicuous; 1-12; upper slopes, Swartberg Mts.

dubium Buek ex E. Phillips & Hutch. - shrub with erect branches and small elliptic leaves, to 1,3 m, involucral leaves inconspicuous; 8-9; upper slopes, Cedarberg.

elimense E. Phillips - variable erect shrub, to 1,5 m, involucral leaves yellow; 8-10; flats, Caledon, Bredasdorp.

ericifolium R. Br. - (heideblaargeelbos); rounded shrub with dimorphic leaves, 1-3 m, involucral leaves inconspicuous; 7; dry rocky slopes, Swellendam, Riversdale, Ladismith.

eucalyptifolium Buek ex Meissner - (grootgeelbos); small tree, to 5 m, involucral leaves yellow; 7-10; forest margins and open mountain slopes, Ladismith, Montagu, Bredasdorp to Port Elizabeth (E Cape).

flexuosum I.J. Williams - slender branched shrub, to 2,5 m, involucral leaves yellow and red; 4-5; alluvial flats, Worcester.

floridum R. Br. - (tolbos); silvery much-branched shrub, to 2 m, involucral leaves yellow; 9-10; damp flats, Stellenbosch to Peninsula.

foedum I.J. Williams - shrub to 2,5 m, involucral leaves pale green; 9; sandy plains, Piketberg to Malmesbury.

galpinii E. Phillips & Hutch. - stout dense shrub with linear leaves, to 3 m, without involucral leaves; 10-11; coastal flats and lower slopes, Robertson, Riversdale, Mossel Bay.

gandogeri Schinz ex Gand. - rounded shrub, to 1,6 m, involucral leaves yellow; 8-9; rocky sandstone lower slopes, Stellenbosch to Bredasdorp.

glaberrimum (Schltr.) Compton - spreading much-branched shrub, 0,3-1,3 m, involucral leaves inconspicuous; 9-10; upper slopes, Cedarberg, Ceres, Worcester.

globosum (Kennedy ex Andrews) I.J. Williams - stout shrub, to 2 m, involucral leaves red to yellow; 9-10; middle slopes, Caledon.

grandiflorum (Salisb.) R. Br. - robust shrub, to 1,5 m, involucral leaves yellow; ?; Cape Peninsula (extinct?).

gydoense I.J. Williams - much-branched shrub, to 2 m, involucral leaves yellow and red; 10; upper slopes and summits, Ceres.

lanigerum Buek ex Meissner - many-stemmed narrow-leafed erect shrub, to 1,5 m, involucral leaves pale yellow; 8; flats and lower slopes, Malmesbury, Peninsula, Paarl, Stellenbosch.

laureolum (Lam.) Fourc. - (geelbos); rounded shrub, to 2 m, involucral leaves yellow; 6; flats and slopes, Paarl to Peninsula, Caledon, Worcester.

laxum I.J. Williams - erect ericoid shrub, to 1,5 m, involucral leaves inconspicuous; 9-10; damp coastal flats, Caledon, Bredasdorp.

levisanus (L.) Bergius - much-branched small-leafed shrub, 1-2 m, involucral leaves inconspicuous; 10; sandy flats, Malmesbury to Peninsula, Stellenbosch.

linifolium (Jacq.) R. Br. - (duineknoppiesbos, kraaltolbos); single-stemmed erect small-leafed shrub, to 2 m, female flower-heads yellow; 9-10; coastal flats, Somerset West to Riversdale.

loeriense I.J. Williams - low reddish shrub, to 600 mm, involucral leaves red and yellow; 12-1; middle slopes, Humansdorp, Uitenhage.

loranthifolium (Salisb. ex J. Knight) I.J. Williams - erect shrub with blue-green leaves, to 2 m, involucral leaves greenish; 7-9; mid to upper slopes, Gifberg to Worcester.

macowanii E. Phillips - erect shrub, 1-3 m, wind pollinated; 5-7; streamsides, Cape Peninsula.

meridianum I.J. Williams - densely branched silvery shrub, to 2 m, older leaves reddish, involucral leaves green and yellow; 7; coastal flats, Caledon to Riversdale.

meyerianum Buek ex E. Phillips & Hutch. - fine-leafed shrub, to 1 m, involucral leaves green; 8; Nieuwoudtville.

microcephalum (Gand.) Gand. & Schinz - shrub to 1,5 m, involucral leaves yellow; 7; mountain slopes, Caledon, Worcester.

modestum I.J. Williams - single-stemmed shrub, to 600 mm, involucral leaves pale green tinged red; 8; coastal flats or lower slopes, Bredasdorp.

muirii E. Phillips - (kruiphout); shrub with thick linear-spathulate leaves, to 2 m, involucral leaves white; 11-12; coastal limestone hills, Bredasdorp to Riversdale.

nervosum E. Phillips & Hutch - shrub with silvery-silky leaves, to 2 m, involucral leaves shaggy-pubescent; 9; upper slopes, Worcester, Robertson.

nitidum Buek ex Meissner - spreading or erect many-stemmed shrub with small silvery-silky leaves, 0,6-2 m, involucral leaves yellow; 7-11; upper slopes, Clanwilliam, Ceres.

nobile I.J. Williams - (naaldblaartolbos); stout erect shrub with needle-like leaves, to 4 m, involucral leaves pale green to ivory; 10-3; dry middle slopes, Humansdorp, Kouga Mts., Uniondale.

orientale I.J. Williams - shrub to 1,3 m, involucral leaves yellow; 6-7; lower to middle slopes, Humansdorp to Port Elizabeth.

platyspermum R. Br. - (geelbos, kraaltolbos); erect shrub with needle-like juvenile leaves, to 1,3 m, involucral leaves yellow; 9; low coastal slopes, Caledon, Bredasdorp.

procerum (Salisb. ex J. Knight) I.J. Williams - (langbeentjie); erect grey shrub, to 3 m, involucral leaves ivory; 8-9; lower to middle slopes, Gifberg, Clanwilliam, Piketberg.

pubescens R. Br. - erect grey-leafed shrub, 0,6-2,6 m, flower-heads cream; 7-10; mountain slopes, Lokenburg, Gifberg to Worcester, Witteberg, Ladismith.

pubibracteolatum I.J. Williams - erect shrub, to 1,3 m, involucral leaves yellow; 7-8; dry upper slopes, George, Knysna, Uniondale.

radiatum E. Phillips & Hutch. - dense small-leafed shrub, to 600 mm, involucral leaves purplish; 10-12; upper slopes, Swellendam, Riversdale.

remotum I.J. Williams - erect grey-green shrub, to 1,5 m, involucral leaves inconspicuous; 8-9; sandy plateaus, Nieuwoudtville.

roodii E. Phillips - erect shrub, to 1,5 m, involucral leaves faintly tinged with red; 8-9; Gifberg.

rourkei I.J. Williams - small-leafed erect shrub, to 5 m, involucral leaves inconspicuous; 12-1; upper slopes, Uniondale.

rubrum Burm. f. - (tolletjiesbos); erect small-leafed shrub, to 2,5 m, involucral leaves yellow; 8-9; mid to upper slopes, Lokenburg to Humansdorp.

salicifolium (Salisb.) I.J. Williams - narrow-leafed shrub, to 3 m, involucral leaves yellow; 7-9; near streams on flats and slopes, Ceres, Tulbagh to Somerset West, Caledon to Riversdale, Worcester.

salignum Bergius - (geelbos); sprawling or erect shrub, 1-2 m, involucral leaves yellow; 4-11; widespread on sand and clay, Nieuwoudtville to Port Elizabeth (E Cape).

sericeum (Thunb.) R. Br. - slender small-leafed silvery shrub, to 1 m, involucral leaves cream; 5-9; mountain plateaus, Ceres.

sessile R. Br. - stout shrub, to 1,5 m, involucral leaves yellow or red; 7-8; low to middle slopes, Ceres, Worcester, Tulbagh, Somerset West, Caledon.

sheilae I.J. Williams - low grey-green shrub, to 1 m, involucral leaves green; 8; mountain plateaus, Kobe Mts., Lokenburg.

singulare I.J. Williams - small-leafed silvery spreading shrub, to 300 mm, involucral leaves green; 10; rock crevices at high alt., Uniondale.

sorocephalodes E. Phillips & Hutch. - sprawling shrub with ericoid leaves, to 300 mm, involucral leaves inconspicuous; 8; high alt., Kouga Mts.

spirale (Salisb. ex J. Knight) I.J. Williams - ericoid shrub, to 1 m; 11-1; Worcester (possibly extinct, poorly known).

spissifolium (Salisb. ex J. Knight) I.J. Williams - variable shrub, to 1,3 m, involucral leaves ivory or green; 8-10; widespread, Piketberg to Port Elizabeth (E Cape to Natal).

stellare (Sims) Sweet - small-leafed shrub, to 2 m, involucral leaves inconspicuous; 9-10; coastal plain, Piketberg to Malmesbury.

stelligerum I.J. Williams - slender pubescent shrub, to 1,3 m, involucral leaves ivory; 7-8; heavy coastal soil, Bredasdorp.

strobilinum (L.) Druce - stout shrub, to 2,6 m, involucral leaves ivory; 9-10; damp rocky middle slopes, Cape Peninsula.
teretifolium (Andrews) I.J. Williams - (waterbossie); low shrub, 0,3-1,3 m, involucral leaves inconspicuous; 8-9; mountain slopes, Ceres, Witteberg, Worcester to Riversdale.
thymifolium (Salisb. ex J. Knight) I.J. Williams - slender small-leafed shrub, to 2 m, involucral leaves inconspicuous; 8-9; sandy coastal flats, Malmesbury.
tinctum I.J. Williams - spreading shrub, 1-1,3 m, involucral leaves yellow and red; 7-8; lower to middle slopes, Caledon to Mossel Bay, Worcester, Swartberg Mts.
tradouwense I.J. Williams - erect shrub, to 2 m, involucral leaves yellowish; 6; lower slopes, Langeberg at Swellendam.
uliginosum R. Br. - variable shrub with small silvery leaves, 2-4 m, involucral leaves yellow; 10-12; mid to upper slopes, Mossel Bay to Uniondale.
verticillatum (Thunb.) Meissner - slender shrub with narrow silvery leaves, to 2 m, involucral leaves silvery; 9-10; sandy flats, Malmesbury, Paarl, Stellenbosch, Bellville.
xanthoconus (Kuntze) K. Schum. - shrub with narrow slightly silvery leaves, 1-2 m, involucral leaves yellow; 8; lower to middle slopes, Peninsula to Bredasdorp.

LEUCOSPERMUM 46 sp - mainly S W Cape to Zimbabwe

arenarium Rycr. - spreading shrub, to 750 mm, flowering stems trailing, flowers yellow; 7-10; sandy flats, Piketberg.
bolusii Gand. - rounded shrub, to 1 m, flowers cream; 9-12; rocky coastal slopes, Hottentots Holland Mts.
calligerum (Salisb. ex J. Knight) Rourke - (luisiebossie); erect or sprawling grey-leafed shrub, to 2 m, flowers yellow fading red; 7-1; dry mountain slopes, widespread, Lokenburg to Riversdale (excl. Peninsula).
catherinae Compton - (wheel flower); shrub to 3 m, flowers yellow to orange; 9-12; damp mid to upper slopes, Clanwilliam, Ceres, Piketberg.
conocarpodendron (L.) Buek - (tree pincushion, kreupelhout); rounded shrub or tree, 3-5 m, flowers yellow; 8-1; lower slopes, Paarl, Peninsula to Caledon.
cordatum E. Phillips - mat-forming shrub, flowers cream fading pink; 9-11; rocky coastal slopes, Caledon.
cordifolium (Salisb. ex J. Knight) Fourc. - (pincusion, speldekussing, bobbejaanklou); rounded spreading shrub, to 1,5 m, flowers red-orange, occ. yellow; 8-1; lower to middle slopes, Caledon, Bredasdorp.
cuneiforme (Burm. f.) Rourke - (pincushion, luisiesbos); many-stemmed shrub, to 3 m, flowers yellow fading to red; 8-2; coastal slopes and flats, Caledon to Port Elizabeth (E Cape, Transkei).
erubescens Rourke - erect shrub, to 2 m, flowers pale yellow to crimson; 8-1; dry middle slopes, Riversdale.
formosum (Andrews) Sweet - grey-leafed shrub, to 3 m, flowers golden-yellow; 9-10; damp mid to upper slopes, Riversdale, Robertson, George.
fulgens Rourke - rounded shrub, to 3 m, flowers pink fading orange-red; 8-11; deep sand, Bredasdorp.
glabrum E. Phillips - large-leafed rounded shrub, to 2,5 m, flowers orange to red; 8-10; moist lower slopes, George, Knysna.
gracile (Salisb. ex J. Knight) Rourke - sprawling mat-forming shrublet, flowers yellow; 7-12; mostly lower slopes, Caledon, Bredasdorp.
grandiflorum (Salisb.) R. Br. - (luisiesboom); erect shrub, to 2,5 m, flowers yellow; 7-11; clay flats or slopes, Malmesbury, Paarl, Bellville.
gueinzii Meissner - stout erect shrub, to 3 m, flowers orange to red; 8-12; moist clay middle slopes, Stellenbosch, Somerset West, Caledon (extinct?).

hamatum Rourke - prostrate spreading shrublet, flowers reddish with yellow styles; 5-8; Outeniqua Mts., George.

heterophyllum (Thunb.) Rourke - prostrate mat-forming shrublet, flowers pale yellow fading red; 8-1; coastal areas, Bredasdorp.

hypophyllocarpodendron (L.) Druce - (slangbossie); variable trailing or prostrate shrublet, flowers bright yellow; 8-1; sandy flats or lower slopes, Piketberg to Peninsula, Paarl, Worcester, Bredasdorp.

lineare R. Br. - (luisiebos); narrow-leafed erect or sprawling shrub, to 2 m, flowers yellow to red; 7-1; mid to upper clay slopes, Paarl, Stellenbosch.

muirii E. Phillips - (bloukoolhout, dooiehout); erect rounded shrub, to 1,5 m, flowers yellow; 7-10; deep sand, Albertinia.

mundii Meissner - broad-leafed rounded shrub, 0,5-1 m, flowers orange to red; 7-11; middle to upper slopes, Swellendam, Riversdale.

oleifolium (Bergius) R. Br. - (tufted pincushion); rounded shrub, to 1 m, flowers yellow to orange, then red; 8-1; coastal to upper slopes, Paarl to Caledon, Worcester.

parile (Salisb. ex J. Knight) Sweet - erect or spreading grey-leafed shrub, to 1,5 m, flowers yellow; 7-11; sandy flats, Malmesbury.

patersonii E. Phillips - (basterkreupelhout); large broad-leafed shrub or tree, 2-4 m, flowers orange to red; 8-12; coastal limestone, Caledon, Bredasdorp.

pedunculatum Klotzsch - prostrate mat-forming shrublet, 150-300 mm, flowers cream to pink; 8-1; coastal flats, Bredasdorp.

pluridens Rourke - stout shrub, to 3 m, flowers yellow-orange; 9-12; dry mid to upper slopes, Ladismith, Oudtshoorn.

praecox Rourke - erect rounded shrub, to 3 m, flowers yellow fading orange; 4-9; flats, Albertinia, Mossel Bay.

praemorsum (Meissner) E. Phillips - large shrub or tree, 0,6-5 m, flowers yellow to orange; 7-12; arid sandy flats and plateaus, Gifberg, Lokenburg, Clanwilliam (Namaqualand).

profugum Rourke - shrub with long trailing stems, flowers yellow or orange to red; 9-12; rock outcrops at middle alt., Piketberg.

prostratum (Thunb.) Stapf - (creeping pincushion); prostrate mat-forming shrublet, flowers yellow to orange; 7-12; sandy coastal flats, Caledon, Bredasdorp.

reflexum Buek ex Meissner - (perdekop); large rounded grey-leafed shrub, to 3 m, flowers scarlet, occ. yellow; 8-12; wet sites on upper slopes, Cedarberg.

rodolentum (Salisb. ex J. Knight) Rourke - (sandveldluisiesbos, sandveld pincushion); erect or spreading grey-leafed shrub, 2-3 m, flowers bright yellow; 8-11; sandy flats and lower slopes, Clanwilliam to Malmesbury, Worcester.

royenifolium (Salisb. ex J. Knight) Stapf - sprawling mat-forming shrub, flowers cream to pink; 7-12; dry upper slopes, George to Uniondale, Baviaanskloof Mts.

saxatile (Salisb. ex J. Knight) Rourke - sprawling narrow-leafed shrub, flowers pale lime-green to pink; 7-2; dry rocky middle slopes, Riversdale.

secundifolium Rourke - mat-forming shrub, flowers yellow to red; 11-2; steep rocky upper slopes, Swartberg Mts.

spathulatum R. Br. - mat-forming silvery shrub, flowers red; 9-1; rocky upper slopes, Cedarberg, Ceres, Worcester.

tomentosum (Thunb.) R. Br. - erect or sprawling grey-leafed shrub, flowers deep yellow; 6-11; coastal flats, Hopefield, Malmesbury.

tottum (L.) R. Br. - rounded shrub, to 1,3 m, flowers pink; 9-1; mid to upper slopes, Cedarberg to Worcester, Piketberg to Paarl, Caledon.

truncatulum (Salisb. ex J. Knight) Rourke - (patrysbos); oval-leafed grey shrub, to 2 m, flowers yellow to pink; 8-12; lower coastal slopes, Caledon, Bredasdorp.

truncatum (Buek ex Meissner) Rourke - rounded shrub, to 2 m, flowers yellow to orange; 8-12; limestone, Bredasdorp, Swellendam.

utriculosum Rourke - laxly branched shrub, to 2 m, flowers yellow to orange; 5-3; rocky lower to middle slopes, Robertson, Swellendam.
vestitum (Lam.) Rourke - erect or spreading shrub, to 2,5 m, flowers orange to red; 7-1; rocky mountain slopes, Cedarberg to Worcester, Tulbagh, Piketberg.
winteri Rourke - rounded shrub, to 1,3 m, flowers green to red; 11-3; dry upper slopes, Langeberg Mts., Riversdale.
wittebergense Compton - erect much-branched shrub, to 1,5 m, flowers cream to pink; 8-1; arid rocky mountain slopes, Witteberg and Swartberg Mts.

MIMETES 13 sp - S W and S Cape

arboreus Rourke - small tree, to 2 m, leaves lanceolate, dull silver, flowers rose-pink to yellow; 5-7; steep mid to upper slopes, Kogelberg Mts.
argenteus Salisb. ex J. Knight - (vaalstompie); silvery-leafed silky shrub, to 1,3 m, flowers rose-pink and yellow; 4-7; upper slopes, Caledon.
capitulatus R. Br. - rounded shrub, to 1,3 m, flowers pubescent, orange and red; 8-12; marshy mid to upper slopes, Caledon.
cucullatus (L.) R. Br. - (rooistompie); erect or spreading shrub, to 1,4 m, flowers red and yellow; 9-1; flats to middle slopes, Tulbagh, Peninsula to Mossel Bay, Worcester to Oudtshoorn.
fimbriifolius Salisb. ex J. Knight - (maanhaarstompie); rounded shrub or tree, to 4 m, flowers reddish; 8-11; middle slopes, Cape Peninsula.
hirtus (L.) Salisb. ex J. Knight - (kreupelboom); shrub, 1-2 m, flowers pubescent, yellow and red; 4-11; peaty marshes, Peninsula, Caledon, Bredasdorp.
hottentoticus E. Phillips & Hutch. - silvery-leafed shrub, to 3 m, flowers pink; 1-3; damp upper slopes, Hottentots Holland Mts.
palustris Salisb. ex J. Knight - low spreading shrub, 0,2-1 m, flowers yellow with red tips; 7-9; damp upper slopes, Caledon.
pauciflorus R. Br. - single-stemmed shrub, to 3 m, flowers yellow fading red; 8-1; moist steep upper slopes, Swartberg and Langeberg Mts.
saxatilis E. Phillips - (rooistompie); robust shrub, to 2,5 m, flowers yellow; 6-1; limestone outcrops, Bredasdorp.
splendidus Salisb. ex J. Knight - silvery-leafed shrub, 2-3 m, flowers red and orange; 6-10; damp upper slopes, Riviersondered Mts., Swellendam to Knysna.
stokoei E. Phillips & Hutch. - silvery-leafed slender shrub, to 1 m, flowers pale gold and mauve; 5-1; mountain plateaus, Caledon (probably extinct).

OROTHAMNUS 1 sp - Caledon district, S W Cape

zeyheri Pappe ex Hook. f. - (marsh rose, bergroos); slender erect unbranched grey shrub, 2-4 m, flowers in large pink to red heads; 9-10; moist mid to upper slopes, Caledon.

PARANOMUS 18 sp - S W and S Cape

abrotanifolius Salisb. ex J. Knight - low much-branched shrub, 300-900 mm, flowers purple; 5-12; low coastal slopes, Bredasdorp, Swellendam.
adiantifolius Salisb. ex J. Knight - erect sparingly branched shrub, 1-1,7 m, flowers dull purple; 9-11; upper slopes, Worcester, Caledon.
bolusii (Gand.) Levyns - much-branched shrub, to 1 m, flowers purple; 6-11; middle slopes, Caledon.
bracteolaris Salisb. ex J. Knight - much-branched grey shrub, 1-3 m, flowers purple; 8-10; mid to upper slopes and plateaus, Nieuwoudtville to Ceres.

candicans (Thunb.) Kuntze - much-branched shrub, to 2 m, upper leaves silvery, flowers pale yellow; 6-11; upper slopes, Worcester, Montagu to Mossel Bay.
capitatus (R. Br.) Kuntze - silvery branched shrub, to 1 m, flowers dull purple; 10-12; upper slopes, Worcester, Caledon.
centaureoides Levyns - branched shrub, to 1,4 m, flowers pink and maroon; 6-11; dry upper slopes, Swartberg Mts.
dispersus Levyns - branched shrub, 1-2 m, flowers pink; 8-11; mid to upper slopes, Tulbagh, Worcester to Oudtshoorn, Caledon to George.
dregei (Buek ex Meissner) Kuntze - shrub to 2 m, leaves somewhat dimorphic, flowers cream; 5-10; dry upper slopes, Witteberg, Ladismith to Uniondale.
esterhuyseniae Levyns - shrub to 1,4 m, flowers cream; 8-11; dry upper slopes, Kouga Mts., Uniondale.
lagopus (Thunb.) Salisb. - shrub to 2 m, flowers purple; 9-11; mid to upper slopes, Clanwilliam, Ceres, Tulbagh, Piketberg.
longicaulis Salisb. ex J. Knight - (poppiesbos); shrub with dimorphic leaves, 1-3 m, flowers pink; 9-12; stony middle slopes, Langeberg.
reflexus (E. Phillips & Hutch.) Fourc. - shrub with dimorphic leaves, 1-2 m, flowers greenish; 6-8; Humansdorp, Port Elizabeth.
roodebergensis (Compton) Levyns - grey-leafed rounded shrub with dimorphic leaves, to 2,3 m, flowers cream and reddish; 8-10; dry upper slopes, Roodeberg, Little Karoo.
sceptrum-gustavianus (Sparrman) Hylander - (perdebos); robust shrub with dimorphic leaves, to 1,8 m, flowers cream; 7-3; mid to upper slopes, Worcester, Stellenbosch to Swellendam.
spathulatus (Thunb.) Kuntze - erect shrub with dimorphic leaves, to 2 m, flowers pink; 5-12; middle slopes, Swellendam, Riversdale.
spicatus (Bergius) Kuntze - (perdebos); much-branched shrub, to 1 m, flowers pink; 9-11; coastal slopes, Stellenbosch, Caledon.
tomentosus (E. Phillips & Hutch.) N.E. Br. - silvery-grey shrub or tree, 2-5 m, flowers whitish; 8-10; rocky upper slopes, Cedarberg Mts.

PROTEA ca 115 sp - southern and tropical Africa, mainly S W Cape

acaulos (L.) Reichard - (aardroos); shrub with trailing branches from underground rootstock, flowers yellow to pink; 6-11; flats and lower slopes, Cedarberg to Peninsula, Caledon, Bredasdorp.
acuminata Sims - rounded shrub, to 2 m, flowers burgundy; 6-9; dry slopes and plateaus, Nieuwoudtville, Cedarberg, Worcester.
amplexicaulis (Salisb.) R. Br. - sprawling grey-green shrub, to 400 mm, flowers purple-black outside, mauve, red and yellow within; 6-9; mountain slopes, Ceres, Worcester, Tulbagh, Paarl, Caledon.
angusta R. Br. - mat-like shrub from underground rootstock, 150-300 mm, leaves narrow, flowers greenish; 7-10; coastal flats and lower slopes, Caledon.
aristata E. Phillips - rounded shrub with grey needle-like leaves, to 2 m, flowers red; 10-2; dry mid to upper slopes, Swartberg Mts.
aspera E. Phillips - tufted shrublet with narrow leaves, to 200 mm, flowers brownish; 9-12; flats and lower slopes, Caledon, Bredasdorp, Riversdale.
aurea (Burm. f.) Rourke - (= **P. longiflora** Lam.); shrub or tree, 3-5 m, flowers pink or pale green; mainly 1-6; moist middle slopes, Caledon to George.
burchellii Stapf - (= **P. pulchra** Rycr.) (suikerbos); erect or spreading shrub, 1-2 m, flowers cream to pink; 6-8; lower slopes, Worcester, Piketberg to Tulbagh, Paarl to Caledon.
caespitosa Andrews - variable tufted shrublet, 200-700 mm, flowers pink or red; 7-11; shale slopes at high alt., Paarl to Caledon.

canaliculata Andrews - (= **P. harmeri** E. Phillips) (mountain rose, bergroos); rounded shrub with narrow leaves, to 1,2 m, flowers pink or red; 3-6; dry mid to upper slopes, Worcester, Montagu, Witteberg and Swartberg Mts.

compacta R. Br. - (Botriver protea, suikerbos, suikerkan); erect sparsely branched shrub, 2-3,5 m, flowers pink; 4-9; coastal slopes and flats, Caledon, Bredasdorp.

convexa E. Phillips - blue-green cabbage-like dwarf shrub, flowers green and pink; 8-11; dry rocky upper slopes, Witteberg and Swartberg Mts.

cordata Thunb. - shrub with erect stems from woody base, to 500 mm, leaves cordate, blue-green, flowers basal, white and red, brown on reverse; 6-7; mountain slopes, Paarl, Bredasdorp, Swellendam.

coronata Lam. - (= **P. macrocephala** Thunb.); erect shrub or small tree, 2-5 m, flowers pale green; 4-9; clay lower to middle slopes, Paarl, Peninsula to Bredasdorp, Riversdale to Uitenhage.

cryophila Bolus - (sneeublom); prostrate sprawling shrub, to 500 mm, flowers large, cream to pink; 1-3; rock ledges at high alt., Cedarberg Mts.

cynaroides (L.) L. - (king protea, bergroos, grootsuikerroos); erect or sprawling shrub, to 3 m, flowers large, pale or deep pink; 1-12; mountains, Cedarberg to Port Elizabeth (E Cape).

decurrens E. Phillips - narrow-leafed shrublet, to 400 mm, flowers basal, dull brown-red; 7-10; flats and slopes, Caledon to Riversdale.

denticulata Rourke - dense shrub with rough narrow leaves, to 1 m, flowers dull red; 8-10; lower slopes, Bredasdorp.

effusa E. Meyer ex Meissner - erect or spreading shrub with blue-green leaves, to 1,5 m, flowers greenish-yellow to red; 5-9; Tulbagh, Ceres, Worcester, Paarl.

eximia (Salisb. ex J. Knight) Fourc. - (breeblaar-suikerbos, waboom); shrub or small tree, 2-5 m, flowers shades of red; 7-12; mountain slopes, Caledon to Port Elizabeth, Swartberg Mts.

foliosa Rourke - rounded shrub from persistent rootstock, to 1,5 m, flowers green-cream; 3-9; Uitenhage (E Cape).

glabra Thunb. - (kaaingsuikerbos); many-stemmed shrub or tree, 2-5 m, flowers dull red and green; 7-11; dry rocky slopes and plateaus, Nieuwoudtville to Cedarberg, Ceres.

grandiceps Tratt. - (rooisuikerkan); rounded shrub, to 2 m, flowers brick red; 9-1; upper slopes, Paarl to Peninsula (extinct?), Caledon to Uitenhage.

holosericea (Salisb. ex J. Knight) Rourke - erect or sprawling shrub, to 1,2 m, flowers cream with blackish beard; 9-10; rocky summits, Worcester.

humiflora Andrews - narrow-leafed sprawling shrub, to 1 m, flowers pinkish, purple-black on reverse; 7-9; arid mid to upper slopes, Caledon, Worcester to Swellendam.

inopina Rourke - many-stemmed shrub from woody rootstock, to 1 m, leaves blue-green, flowers white with brown bracts; 9-12; middle slopes, Olifants River Mts.

intonsa Rourke - dwarf tufted shrublet with needle-like leaves, to 300 mm, flowers greenish to pink; 9-11; dry upper slopes, Swartberg, Kammanassie and Baviaanskloof Mts. (S Karoo mts.).

lacticolor Salisb. - (witsuikerbos); shrub or small tree, 2-6 m, leaves blue-grey, flowers pink or white; 2-6; upper slopes, Paarl to Hottentots Holland Mts.

laevis R. Br. - prostrate mat-forming shrublet with blue-green leaves, flowers cream with pink flush; 9-2; upper slopes, Cedarberg, Ceres, Worcester.

lanceolata E. Meyer ex Meissner - (smalblaarsuikerbos); erect shrub, 2-4 m, flowers greenish-white; 4-10; coastal flats, Bredasdorp to Mossel Bay.

laurifolia Thunb. - (louriersuikerbos); small tree with greyish leaves, to 8 m, flowers pink to pale green; 4-11; mid to upper slopes, Nieuwoudtville to Ceres, Tulbagh, Paarl, Worcester, Witteberg Mts.

lepidocarpodendron (L.) L. - (black-bearded sugarbush); erect shrub, to 3 m, flowers pink or whitish with dark beard; 4-8; lower slopes, Peninsula to Caledon.
longifolia Andrews - sprawling shrub, to 1,5 m, flowers pink or whitish; 5-9; lower slopes, Somerset West to Bredasdorp.
lorea R. Br. - mat-forming shrublet with needle-like leaves, flowers pale yellow; 1-2; lower slopes, Ceres, Paarl, Caledon to Riversdale.
lorifolia (Salisb. ex J. Knight) Fourc. - (riemblaarsuikerbos); rounded shrub or small tree, 1,5-3 m, occ. 5 m, flowers pink or cream; 4-10; dry mid to upper slopes, Ceres, Worcester, Witteberg, Ladismith to Uitenhage (E Cape).
magnifica Link - (= **P. barbigera** Meissner) (queen protea, baardsuikerbos); robust sprawling grey-leafed shrub, flowers pink or cream; 6-1; mid to upper slopes, Cedarberg to Worcester, Ladismith, Tulbagh, Paarl, Caledon, Riversdale.
montana E. Meyer ex Meissner - mat-forming shrublet with narrow leaves, flowers greenish and pink; 2-6; upper slopes, Swartberg Mts., Ladismith to Uniondale.
mucronifolia Salisb. - rounded shrub with rigid pungent leaves, 0,5-1 m, flowers white and pink; 10-12; gravelly flats, Tulbagh.
mundii Klotzsch - (white sugarbush, witsuikerbos); tree, 3-8, occ. to 12 m, flowers white to pink; 1-9; moist slopes or forest margins, Caledon, George to Uitenhage.
nana (Bergius) Thunb. - (mountain rose, skaamblom); shrub with drooping branches and needle-like leaves, to 1 m, flowers small, red; 7-10; mid to upper slopes, Ceres, Tulbagh, Paarl.
neriifolia R. Br. - (blue sugarbush, blousuikerbos); large shrub, to 3 m, flowers pink or cream; 2-11; sea level to upper slopes, Tulbagh, Paarl, Caledon to Port Elizabeth, Ladismith.
nitida Miller - (= **P. arborea** Houtt.) (waboom); grey-leafed tree, 5-10 m, flowers silvery, occ. pink; 1-12; mountain slopes, Gifberg to Uitenhage.
obtusifolia Buek ex Meissner - large shrub or tree, 2-4 m, flowers pink or white; 4-9; limestone flats and hills, Caledon to Riversdale.
odorata Thunb. - small erect shrublet with spine-tipped leaves, 0,7-1,2 m, flowers cream, flushed pink; 2-6; clay flats, Malmesbury.
pendula R. Br. - rounded grey-leafed shrub, 1-3 m, flowers small, shades of red; 5-8; dry upper slopes, Cedarberg, Ceres.
piscina Rourke - dwarf narrow-leafed shrublet, flowers pale yellow, occ. pink-flushed; 6-1; mid to upper slopes, Cedarberg to Ceres, Piketberg, Langeberg Mts., Swellendam to Riversdale.
pityphylla E. Phillips - (mountain rose, skaamblom); linear-leafed sprawling shrub, to 1 m, flowers small, red; 5-9; mid to upper slopes, Ceres, Worcester.
pruinosa Rourke - prostrate shrub, flowers red, white on reverse; 1-3; high alt., Swartberg Mts.
pudens Rourke - (aardroos); sprawling or prostrate shrub, flowers deep pink; 5-8; shale flats, Bredasdorp.
punctata Meissner - (waterwitsuikerbos); shrub or tree with blue-green leaves, 2-4 m, flowers pink or white; 12-5; dry upper slopes, Cedarberg to Worcester, Paarl, Witteberg, Swartberg and Kammanassie Mts.
recondita Buek ex Meissner - sprawling shrub, to 1 m, flowers green; 5-9; rocky upper slopes, Cedarberg, Ceres, Tulbagh, Piketberg.
repens (L.) L. - (sugarbush, suikerbos); shrub or tree, 1-4 m, flowers shades of pink or white; 1-12; widespread, Cedarberg to Port Elizabeth (E Cape).
restionifolia (Salisb. ex J. Knight) Rycr. - tufted shrublet with pubescent linear leaves, flowers cream; 8-10; dry lower slopes, Worcester, Caledon.
revoluta R. Br. - prostrate shrublet, flowers lime-green; 11-1; dry mid to upper slopes, Cedarberg to Worcester, Witteberg.
rupicola Mund ex Meissner - erect or spreading shrub, 0,5-2 m, flowers deep pink; 9-1; rocky summits, Tulbagh to Caledon, Worcester to Uitenhage.

scabra R. Br. - tufted shrublet with harsh narrow leaves, flowers brown and cream; mainly 7-10; lower to middle slopes, Caledon.

scabriuscula E. Phillips - low rounded shrublet, flowers white with pink flush; 10-1; dry upper slopes, Ceres, Worcester, Witteberg Mts.

scolopendriifolia (Salisb. ex J. Knight) Rourke - tufted shrublet, flowers white and carmine; 9-12; mid to upper slopes, Cedarberg, Tulbagh to Caledon, Worcester, Witteberg and Swartberg Mts. to Humansdorp.

scolymocephala (L.) Reicherd - small erect shrub, to 1 m, flowers cream to greenish; 7-11; sandy coastal flats, Clanwilliam to Peninsula, Caledon.

scorzonerifolia (Salisb. ex J. Knight) Rycr. - tufted mat-forming shrublet, flowers cream, yellow or pink; 8-12; flats and lower slopes, Worcester, Paarl to Durbanville.

speciosa L. - (baardsuikerbos); stout many-stemmed shrub, to 1 m, flowers pink, occ. white; 6-1; mid to upper slopes, Peninsula, Bredasdorp, Riversdale.

stokoei E. Phillips - single-stemmed shrub, to 2 m, flowers pink; 5-10; moist upper slopes, Hottentots Holland Mts. to Bettys Bay.

subulifolia (Salisb. ex J. Knight) Rourke - variable shrublet with linear to needle-like leaves, 300-700 mm, flowers clustered near base, pinkish, brown on reverse; 7-10; flats to upper slopes, Caledon, Bredasdorp.

sulphurea E. Phillips - dense low spreading shrub with grey-green leaves, flowers sulphur yellow, pink on reverse; 4-8; dry upper slopes, Worcester, Montagu, Witteberg and Swartberg Mts. (Namaqualand).

susannae E. Phillips - (stinkblaarsuikerbos); robust shrub, 2-3 m, flowers pink or shiny brown; 4-9; coastal flats and hills, Caledon to Albertinia.

tenax (Salisb.) R. Br. - variable trailing shrub, flowers green to yellow, flushed pink; 5-9; upper slopes, George to Uitenhage.

venusta Compton - sprawling or prostrate shrub, occ. to 700 mm, flowers pale pink; 1-3; rocky upper slopes, Swartberg Mts. to Uniondale.

vogtsiae Rourke - dwarf tufted shrublet with grey-green leaves, flowers greenish or red; 8-11; upper slopes, Uniondale.

witzenbergiana E. Phillips - sprawling or prostrate shrub with needle-like leaves, flowers red; 3-6; upper slopes, Cedarberg, Ceres, Worcester, Tulbagh.

SERRURIA ca 50 sp - S W and S Cape

acrocarpa R. Br. - (spinnekopbos); rounded shrub with persistent rootstock, to 0,5 m, flowers silvery-pink to greenish; 8-12; flats and lowers slopes, Worcester, Tulbagh to Swellendam.

adscendens (Lam.) R. Br. - erect shrub, to 1 m, flowers fragrant, creamy-white to pink; 8-12; flats and lower slopes, Bettys Bay to Hermanus.

aemula Salisb. ex J. Knight - (= S. ciliata R. Br.); low shrub, to 300 mm, flowers creamy-pink; 8-12; sandy flats, Cape Flats.

aitonii R. Br. - (= S. argentifolia E. Phillips & Hutch.); erect grey-leafed shrub, to 1 m, flowers pinkish-grey; 8-12; mid to upper slopes, Cedarberg, Piketberg and Cold Bokkeveld Mts.

brownii Meissner - erect shrub with densely crowded leaves, to 0,5 m, flowers grey and carmine; 8-12; flats and lower slopes, Mamre to Tygerberg.

candicans R. Br. - silver-leafed shrub, to 750 mm, flowers silvery-pink; 8-12; flats and lower slopes, Paardeberg, Malmesbury, Gouda.

collina Salisb. ex J. Knight - (= S. flagellaris R. Br.); lax prostrate shrub with stems to 2 m, flowers cream; 8-12; mountain slopes, southern Cape Peninsula.

confragosa Rourke - sparse shrub with leaves in pseudo-whorls, to 1 m, flowers cream; 8-12; upper slopes, Cold Bokkeveld, Olifants River Valley.

cyanoides (L.) R. Br. - low dense shrub with persistent rootstock, to 300 mm, flowers pink; 8-12; lower slopes, Cape Peninsula.

cygnea R. Br. - mat-forming shrub, to 1 m in diameter, flowers silvery-pink; 8-12; mid to upper slopes, Cedarberg, Cold Bokkeveld.

decipiens R. Br. - erect shrub, to 1 m, flowers creamy-white; 8-12; sandy flats along west coast, Paleisheuwel to Mamre.

decumbens (Thunb.) R. Br. - (= **S. hyemalis** Salisb. ex J. Knight); lax prostrate shrub, flowers sparse, carmine; 8-12; southern Cape Peninsula.

dodii E. Phillips & Hutch. - silvery-leafed shrub, to 1 m, flowers silvery-pink; 8-12; upper slopes, Worcester, Hex River Mts.

elongata (Bergius) R. Br. - low shrub with bright green leaves, peduncles to 0,5 m, flowers silvery-pink; 8-12; lower to middle slopes, Hottentots Holland Mts. to Hermanus.

fasciflora Salisb. ex J. Knight - (= **S. burmannii** R. Br., **S. knightii** Hutch., **S. pauciflora** E. Phillips & Hutch., **S. subsericea** Hutch., **S. biglandulosa** Schltr.) (spinnekopbos); low fine-leafed shrub, to 500 mm, flowers silvery-pink; 1-12; flats and lower slopes, Cold Bokkeveld to Worcester, Peninsula to George.

flagellifolia Salisb. ex J. Knight - diffuse shrublet with slender trailing stems, flowers few, deep pink; 8-12; flats and lower slopes, Houw Hoek and Bot River.

flava Meissner - (yellow serruria); rounded much-branched shrub, to 0,5 m, flowers yellow; 8-12; mid to upper slopes, eastern Cedarberg.

florida (Thunb.) Salisb. ex J. Knight - (blushing bride); straggling upright shrub, to 1,5 m, flowers pink and white; 8-12; middle slopes, Franschhoek Mts.

fucifolia Salisb. ex J. Knight - upright rounded shrub, to 1 m, flowers small, silvery-pink; 8-12; sandveld, Nardouw Mts. to Piketberg.

furcellata R. Br. - erect shrub with persistent rootstock, to 1 m, flowers creamy-pink; 8-12; sandy flats, Tulbagh, Brackenfell.

glomerata (L.) R. Br. - compact rounded shrub, to 300 mm, flowers cream; 8-12; flats and lower slopes, southern Cape Peninsula.

heterophylla Meissner - erect sparsely branched shrub, simple leaves occ. produced, to 1 m, flowers pink; 8-12; middle slopes, Kleinmond to Hermanus.

hirsuta R. Br. - (spinnekopbossie); compact rounded shrub, to 0,5 m, flowers deep pink; 8-12; middle slopes, southern Cape Peninsula.

inconspicua L. Guthrie & T.M. Salter - low tangled shrublet, to 300 mm, flowers pink to grey; 8-12; middle slopes, Simonstown, Houw Hoek, Kogelberg.

incrassata Meissner - sprawling shrublet with persistent rootstock, procumbent stems to 200 mm, flowers silvery-carmine; 8-12; flats and lower slopes, Paarl, Swartland, Jonaskop.

kraussii Meissner - rounded shrub, to 0,5 m, flowers creamy-white; 8-12; lower to middle slopes, Jonkershoek to Hottentots Holland Mts.

leipoldtii E. Phillips & Hutch. - straggling shrub with persistent rootstock, to 1 m, flowers silvery-carmine; 8-12; sandy middle slopes, eastern Cedarberg.

linearis Salisb. ex J. Knight - (= **S. simplicifolia** R. Br.); slender sparsely branched shrub with persistent rootstock, leaves often simple, needle-like, to 0,5 m, flowers pink; 8-12; sandy lower slopes, Mamre, Pella, Dassenberg.

meisneriana Schltr. - slender erect shrub, to 0,5 m, flowers few, with prominent pink to red bracts; 8-12; middle slopes, Babylons Tower and Bot River Mts.

millefolia Salisb. ex J. Knight - rounded shrub with densely packed leaves, to 1 m, flowers creamy-yellow; 8-12; sandveld, Cedarberg, Nardouw and Paleisheuwel Mts.

nervosa Meissner - (= **S. bolusii** E. Phillips & Hutch.); lax diffuse shrublet, to 300 mm, flowers silvery-pink; 8-12; sandy coastal flats, Bredasdorp.

pedunculata (Lam.) R. Br. - (= **S. artemisiifolia** Salisb. ex J. Knight, **S. longipes** E. Phillips & Hutch.); erect grey-leafed shrub, to 1 m, flowers silvery-grey; 8-12; middle slopes, Tulbagh, Worcester, Drakenstein Mts.

pinnata R. Br. - shrublet with trailing procumbent stems from persistent rootstock, flowers fragrant, pink; 8-12; flats and lower slopes, Paarl, Franschhoek.
phylicoides (Bergius) R. Br. - (= S. **barbigera** Salisb. ex J. Knight); erect rounded shrub, to 300 mm, flowers deep pink; 8-12; mountain slopes, Houw Hoek, Villiersdorp and Riviersonderend Mts.
rosea E. Phillips - (= S. **aemula** R. Br.); erect shrub, to 500 mm, flowers with prominent bracts, deep pink; 8-12; middle slopes, Franschhoek and Wemmershoek Mts.
rostellaris Salisb. ex J. Knight - low compact shrub, to 300 mm, flowers pink; 8-12; mid to upper slopes, Caledon.
roxburghii R. Br. - straggling shrub with closely adpressed leaves, to 1 m, flowers pink to silver; 8-12; sandy flats, Riebeeck Kasteel, Malmesbury.
rubricaulis R. Br. - suberect to sprawling shrublet with persistent rootstock, to 200 mm, flowers silvery-pink; 8-12; flats, Bettys Bay to Hermanus.
trilopha Salisb. ex J. Knight - multi-stemmed shrub with persistent rootstock and closely adpressed leaves, to 500 mm, flowers silvery-carmine; 8-12; sandy flats, Malmesbury to Peninsula.
triternata (Thunb.) R. Br. - (= S. **anethifolia** Salisb. ex J. Knight); robust shrub with stout bright green leaflets, to 1 m, flowers cream; 8-12; middle slopes, Tulbagh, Kluitjieskraal.
villosa (Lam.) R. Br. - (= S. **vallaris** Salisb. ex J. Knight); compact rounded shrub, to 400 mm, flowers yellow; 8-12; Cape Peninsula.
williamsii Rourke - robust shrub with stout leaflets, to 1 m, peduncles long, flowers silvery-pink; 8-12; mid to upper slopes, Jonaskop.
zeyheri Meissner - erect shrub, to 400 mm, flowers white with prominent black petals; 8-12; mid to upper slopes, Du Toits Peak, Villiersdorp and Riviersonderend Mts.
sp 1 - erect shrub with long peduncles, to 1 m, flowers greyish; 8-12; mid to upper slopes, Porterville Mts. and Onderbos Kloof.
sp 2 - dense mat-forming shrub with bright green leaves, flowers insignificant, bright pink; 8-12; middle slopes, Jonaskop.
sp 3 - shrublet with lax sprawling stems, flowers pink with prominent glabrous bracts; 8-12; middle slopes, Jonaskop.
sp 4 - robust erect shrub with stout bright green leaflets, to 1 m, flowers silvery-pink; 8-12; mid to upper slopes, Villiersdorp Mts.
sp 5 - low suberect shrublet with leaves overtopping inflorescence, to 200 mm, flowers white, concealed near ground level; 8-12; lower slopes, Palmiet River Valley.

SOROCEPHALUS 11 sp - S W Cape

alopecurus Rourke - erect sparsely branched shrub with needle-like leaves, to 1 m, flowers cream; 7-9; upper slopes, Caledon.
capitatus Rourke - slender branched shrub with ericoid leaves, to 1,5 m, flowers pink or cream; 9-2; sandy plateaus, Ceres, Piketberg.
clavigerus (Salisb. ex J. Knight) Hutch. - erect sparsely branched shrub with needle-like leaves, to 1 m, flowers cream to yellow; 7-12; upper slopes or flats, Stellenbosch to Caledon.
crassifolius Hutch. - low spreading shrublet with persistent rootstock, 150-500 mm, flowers cream; 12-2; rock ledges at high alt., Caledon.
imbricatus (Thunb.) R. Br. - sparsely branched shrub with flat leaves, to 1 m, flowers cream with pink bracts; 9-12; mid to upper alt., Tulbagh, Piketberg.
lanatus (Thunb.) R. Br. - erect or sprawling ericoid shrublet, to 750 mm, flowers pink to purple; 9-4; upper slopes, Cedarberg, Ceres, Worcester, Tulbagh.

palustris Rourke - sprawling mat-forming shrublet, 200-300 mm, flowers white; 9-12?; peat sponges at high alt., Caledon.
pinifolius (Salisb. ex J. Knight) Rourke - long-leafed shrub, to 1 m, flowers cream with black tips; 6-10; mid to upper slopes, Caledon.
scabridus Meissner - erect sparsely branched shrublet with needle-like leaves, to 750 mm, flowers purple; 10-1; mountain plateaus, Tulbagh, Piketberg.
tenuifolius R. Br. - much-branched slender shrublet, to 1 m, flowers cream to yellow; 11-2; lower plateaus, Caledon.
teretifolius (Meissner) E. Phillips - erect or spreading shrublet, to 700 mm, flowers reddish-brown; 11-12; rocky upper slopes, Paarl, Worcester.

SPATALLA 20 sp - S W and S Cape

argentea Rourke - erect silvery shrub, to 1 m, flowers silvery-pink; 10-1; upper mountain plateaus, Worcester.
barbigera Salisb. ex J. Knight - slender branched silvery shrub, to 1 m, flowers cream; 5-11; middle slopes, Swartberg, Mossel Bay to Knysna.
caudata (Thunb.) R. Br. - erect branched shrub, to 1 m, flowers silvery-pink, occ. cream; 8-10; damp upper slopes or plateaus, Cedarberg, Ceres, Tulbagh.
colorata Meissner - slender branched shrublet to 750 mm, flowers purple and red; 7-11; upper slopes, Caledon, Swellendam.
confusa (E. Phillips) Rourke - much-branched mat-forming shrublet, flowers pink; 8-3; high alt., Cedarberg to Worcester, Witteberg and Swartberg Mts., Paarl to Caledon.
curvifolia Salisb. ex J. Knight - rounded shrublet, to 750 mm, flowers cream; 1-12; lower to middle slopes, Caledon to Bredasdorp.
ericoides E. Phillips - slender-branched shrublet, to 1 m, flower silvery-pink; 8-10; coastal sand between limestone ridges, Bredasdorp.
incurva (Thunb.) R. Br. - erect much-branched shrub, to 1 m, flowers mauve; 9-3; upper slopes, Cedarberg to Worcester, Tulbagh, Paarl.
longifolia Salisb. ex J. Knight - rounded shrub, to 1 m, flowers greyish-pink with red markings; 8-11; mid to upper slopes, Stellenbosch to Caledon.
mollis R. Br. - rounded shrub, to 1 m, flowers white, occ. mauve; 7-12; streamsides at middle alt., Caledon.
nubicola Rourke - rounded shrub, to 1,5 m, flowers pink, occ. whitish; 9-12; damp upper slopes, Langeberg Mts., Swellendam.
parilis Salisb. ex J. Knight - much-branched shrub, to 2 m, flowers silvery-pink; 1-12; moist mid to upper slopes, Hottentots Holland to Riversdale.
prolifera (Thunb.) Salisb. ex J. Knight - slender-branched shrub, to 1,5 m, flowers pinkish; 9-12; marshy lower slopes, Caledon.
propinqua R. Br. - shrub or shrublet, 300-900 mm, flowers pink; 6-3; damp mid to upper slopes, Worcester, Stellenbosch, Caledon.
racemosa (L.) Druce - slender lax shrublet, 300-900 mm, flowers greyish-pink; 9-3; flats to middle slopes, Caledon.
salsoloides (R. Br.) Rourke - spreading mat-forming shrub, flowers silvery-pink; 10-12; rocky upper slopes, Worcester, Paarl, Caledon.
setacea (R. Br.) Rourke - relatively robust shrub, to 1 m, flowers silvery-pink; 10-12; marshy upper slopes, Paarl, Stellenbosch to Caledon.
squamata Meissner - rounded shrub, 300-600 mm, flowers white with red bracteoles; 8-10; sandy flats and slopes between limestone ridges, Bredasdorp.
thyrsiflora Salisb. ex J. Knight - mat-forming shrub from stout rootstock, flowers pink or whitish; 8-12; damp upper slopes, Worcester, Caledon.
tulbaghensis (E. Phillips) Rourke - rounded shrub, 300-500 mm, flowers mauve; 9-12; damp sites on high plateaus, Ceres.

VEXATORELLA 4 sp - Central S W Cape, Namaqualand

amoena (Rourke) Rourke - (= **Leucospermum alpinum** (Salisb. ex J. Knight) Rourke subsp. **amoenum**); erect to suberect shrub with elliptic-spathulate leaves, 1-1,5 m, flowers fragrant, pink; 9-11; dry mid to upper slopes, Cold Bokkeveld Mts.

latibrosa Rourke - erect rounded shrub with grey linear leaves, initially puberulous, 1-2 m, flowers fragrant, grey-carmine; 8-9; lower to middle slopes, Langeberg Mts., Robertson.

obtusata (Thunb.) Rourke - (= **Leucospermum obtusatum** (Thunb.) E. Phillips); erect or trailing shrub with grey linear-spathulate leaves, 0,2-1 m, flowers fragrant, pink-carmine; 9-11; mid to upper slopes, Koo, Montagu, Bonteberg, Witteberg and Anysberg Mts.

PTAEROXYLACEAE

PTAEROXYLON 1 sp - southern Africa

obliquum (Thunb.) Radlk. - (sneezewood, nieshout); deciduous shrub or tree with compound leaves, 7-20 m, flowers cream; 4-9; forest, Humansdorp to Port Elizabeth (S tropical Africa, Namibia).

RAFFLESIACEAE

CYTINUS ca 10 sp - Africa, Mexico, Mediterranean

capensis Marloth - (aardroos); root parasite, leaves scaly, flowers dark maroon; 5-9; sandy flats, Peninsula to Mossel Bay.

sanguineus (Thunb.) Fourc. - (aardroos); root parasite, leaves scaly, flowers red to orange; 6-10; sandy flats, slopes and plateaus, Nieuwoudtville to Peninsula, Caledon.

RANUNCULACEAE

ANEMONE ca 150 sp - worldwide, mainly temperate

tenuifolia (L.f.) DC. - (= **A. capensis** L.) (wild anemone, syblom); perennial with basal dissected leaves, 250-400 mm, flowers pink or white; 6-2; moist upper slopes, Hex River Mts., Piketberg to Worcester, Peninsula to Humansdorp.

CLEMATIS ca 250 sp - pantemperate

brachiata Thunb. - (travellers joy, old mans beard, klimop); spreading perennial climber, flowers white; 3-5; forest margins and bush, George to Port Elizabeth (widespread in southern and tropical Africa).

KNOWLTONIA 8 sp - S W Cape to S tropical Africa

anemonoides H. Rasm. - (brandblare, katjiedrieblaar); perennial with divided basal leaves, 400-900 mm, flowers white or greenish-yellow; 9-1; mountain slopes, Worcester, Montagu, Peninsula to Riversdale.

capensis (L.) Huth - (= **K. hirsuta** (Vent.) DC.); perennial to 300 mm, flowers green flushed purple; 6-9; shady lower slopes, Worcester, Peninsula.

cordata H. Rasm. - (= **K. rigida** Salisb. var. **simplicifolia** Harvey); perennial, 300-700 mm, flowers greenish; 9-1; rocky lower slopes, Ladismith, George to Port Elizabeth (E Cape).
filia (L.f.) Durand & Schinz - perennial, 0,5-1,4 m, flowers cream or greenish; 10-2; marshy or shaded lower slopes, Ladismith, Mossel Bay to Knysna, Uniondale.
vesicatoria (L.f.) Sims - perennial with fruits fleshy, 0,3-1,2 m, flowers white or yellowish; mainly 5-10; shady slopes and forest, Nieuwoudtville to Peninsula, Worcester, Caledon to Humansdorp (E Cape, Transkei).

RANUNCULUS ca 400 sp - cosmopolitan, mainly temperate

multifidus Forsskal - (botterblom, butter cup); pubescent perennial, 50-900 mm, flowers yellow; 8-3; damp areas, Ceres, Tulbagh, Peninsula to Port Elizabeth (widespread in Africa, Madagascar, Arabia).
***muricatus** L. - (pepergras); annual, 100-400 mm, flowers yellow; 9-10; damp areas, Stellenbosch, Peninsula (introduced from S Europe).
trichophyllus Chaix - (water buttercup, water crowfoot, waterblommetjie); submerged perennial with much-divided leaves, flowers floating, white; 7-12; pools, Peninsula, Swellendam (almost worldwide).

RESEDACEAE

OLIGOMERIS 9 sp - mainly Mediterranean to India, also S Africa, N America

dipetala (Aiton) Turcz. - (bitteraarbossie); leafy usually erect shrublet, 200-700 mm, flowers white to yellow; 12-3; alkaline and limestone flats, Montagu, Riversdale, Uniondale, Uitenhage (dry parts of southern Africa).

RETZIACEAE

RETZIA 1 sp - S W Cape

capensis Thunb. - (heuningblom); stiff erect leafy shrub, 0,5-2 m, flowers orange-red with purple and white; 9-3; lower to middle coastal slopes, Hottentots Holland Mts. to Hermanus.

RHAMNACEAE

NOLTEA 1 sp - S W Cape to Natal

africana (L.) Reichb. - (seepblinkblaar); shrub or bushy tree to 4 m, fruit brown; 9-11; flowers white; 8-10; riverbanks, Peninsula (introduced?), Montagu, Swellendam, Humansdorp to Port Elizabeth (E Cape, Natal).

PHYLICA ca 150 sp - Africa, Madagascar, S Atlantic Is.

abietina Ecklon & Zeyher - erect shrub to 1 m, flowers white or pinkish; 4-8; drier, rocky mid to upper slopes, George to Uitenhage.
acmaephylla Ecklon & Zeyher - erect or spreading shrublet, to 500 mm, flowers whitish; ?; rocky upper slopes, Tulbagh, Worcester.
aemula Schltr. - rigid shrublet to 300 mm, flowers whitish; 8-1; mountain plateaus, Nieuwoudtville, Ceres.
affinis Sonder - slender erect shrublet, 150-600 mm, flowers greyish-white; 7-8; fynbos slopes, Nieuwoudtville.

agathosmoides Pill. - shrub to 600 mm, flowers brownish-green; 8-9; fynbos, Nieuwoudtville.
alba Pill. - erect shrub, to 600 mm, flowers whitish; 3-6; damp lower to middle slopes, Swellendam, Uniondale.
alpina Ecklon & Zeyher - low ericoid shrublet, to 200 mm, flowers whitish; 8; upper slopes, Clanwilliam.
alticola Pill. - shrublet to 350 mm, flowers whitish; 9-10; upper mountain slopes, Tulbagh.
altigena Schltr. - ericoid shrublet, flowers whitish; 8-10; upper slopes, Cedarberg, Tulbagh.
ambigua Sonder - shrub with silvery upper leaves, to 1 m, flowers yellowish; 8-11; upper mountain slopes, Cedarberg, Ceres.
amoena Pill. - dwarf shrublet, to 300 mm, flowers whitish; 4; sand dunes, Bredasdorp.
ampliata Pill. - shrub to 1 m, flowers whitish; 3-6; mountain slopes, Tulbagh, Worcester.
anomala Pill. - much-branched shrub, to 400 mm, flowers whitish; 12; Caledon.
apiculata Sonder - erect shrub, to 600 mm, flowers whitish; 8; mountain slopes, Caledon.
atrata Lichtenst. ex Roemer & Schultes - spreading shrub, 300-600 mm, flowers white; 10-3; rocky lower slopes, Tulbagh, Peninsula?, Hottentots Holland, Caledon.
axillaris Lam. - much-branched variable shrub, 250-800 mm, flowers whitish; 1-12; Bredasdorp to Port Elizabeth (E Cape).
barbata Pill. - dwarf shrublet, flowers whitish; 8-10; upper slopes, Cedarberg.
barnardii Pill. - shrub to 600 mm, flowers whitish; 8-10; upper mountain slopes, Cedarberg, Piketberg, Worcester.
bolusii Pill. - shrub to 500 mm, flowers whitish; 11-1; middle slopes, Ceres.
brachycephala Sonder - shrub with numerous short branches, to 600 mm, flowers whitish; 11; stony upper slopes, Swellendam.
brevifolia Ecklon & Zeyher - shrub with incurved leaves, to 400 mm, flowers whitish; 7-8; middle slopes, Caledon.
burchellii Pill. - slender shrub, to 300 mm, flowers whitish; ?; lower mountain slopes, Caledon (poorly known).
buxifolia L. - (bukshardeblaar); stout shrub or small tree, 1-4 m, leaves broad, pale below, flowers white; 4-8; lower mountain slopes, Peninsula to Caledon.
calcarata Pill. - grey-leafed ericoid shrublet, 100-350 mm, flowers whitish; 4-7; lower slopes, Caledon.
callosa L.f. - ericoid shrub, to 1,2 m, flowers whitish; 4-7; lower slopes, Paarl, Peninsula to Caledon.
cephalantha Sonder - shrub, 400-900 mm, flowers buff; 4-9; flats and lower slopes, Clanwilliam, Malmesbury to Peninsula.
chionocephala Schltr. - shrublet to 250 mm, flowers whitish; 8-9; upper mountain slopes, Ceres.
chionophila Schltr. - shrublet to 400 mm, flowers whitish; 10-12; upper mountain slopes, Ceres, Worcester.
comosa Steudel - villous shrublet, to 400 mm, flowers with golden villous bracts; 12; upper slopes, Tulbagh.
comptonii Pill. - compact ericoid shrublet, to 300 mm, flowers whitish; 12-2; dry upper slopes, Worcester, Witteberg Mts.
confusa Pill. - shrub to 1 m, flowers whitish; 3-5; dry mid to upper slopes, Uniondale to Uitenhage.
constricta Pill. - rounded shrub, to 450 mm, flowers whitish; 10-1, 6; mountain slopes, Cedarberg to Worcester, Swartberg Mts., Tulbagh to Somerset West.

costata Pill. - dense shrub, to 350 mm, flowers whitish; 12-1; upper mountain slopes, Swartberg Mts.
cryptandroides Sonder - small-leafed shrub, 2-3 m, flowers white, occ. pinkish; 7-9; mid to upper slopes, Gifberg to Piketberg, Cedarberg Mts. (Namaqualand).
curvifolia (Presl) Pill. - shrub, 600-900 mm, flowers whitish; mainly 10-2; lower to middle slopes, George, Knysna.
cuspidata Ecklon & Zeyher - shrub to 2 m, flowers whitish; 8-12; sandy middle slopes, Clanwilliam, Piketberg.
cylindrica Wendl. - shrub to 1 m, flowers whitish; 7-9; sandy mountain slopes, Clanwilliam, Piketberg.
debilis Ecklon & Zeyher - ericoid shrublet, 300-600 mm, flowers whitish; 11-12; mid to upper slopes, Caledon, Swellendam to Humansdorp.
diffusa Pill. - spreading shrublet, to 300 mm, flowers whitish; 12-7; middle slopes, Caledon, Bredasdorp, Montagu.
dioica L. - rigid shrub with fairly broad leaves, to 1 m, flowers whitish; 12-3; mid to upper slopes, Stellenbosch, Peninsula.
diosmoides Sonder - shrub with fairly broad leaves, to 300 mm, flowers whitish; 4; lower stony slopes, Caledon.
disticha Ecklon & Zeyher - shrub, 300-900 mm, flowers whitish; 12-4; lower coastal slopes, Peninsula (extinct?), Caledon.
dodii N.E. Br. - shrub to 400 mm, flowers whitish; 6-9; sandy or limestone flats and slopes, Peninsula to Bredasdorp, Knysna.
elimensis Pill. - shrub to 600 mm, flowers whitish; 7; lower slopes, Bredasdorp to Riversdale.
ericoides L. - ericoid shrub, 150-900 mm, flowers whitish, in dense heads; 1-12; dunes or lower slopes, Paarl, Peninsula to Port Elizabeth (to S tropical Africa).
excelsa Wendl. - shrub to 1 m, flowers whitish; 12-5; mid to upper slopes, Clanwilliam?, Ceres to Peninsula, Worcester, Caledon, Montagu.
floccosa Pill. - ericoid shrublet, to 200 mm, flowers whitish; 1-2; dry upper slopes, Uniondale.
floribunda Pill. - shrub to 650 mm, flowers whitish; 9; Caledon, Bredasdorp.
fourcadei Pill. - shrub to 450 mm, flowers whitish; 1, 7; stony upper slopes, Uniondale, Humansdorp, Uitenhage.
fruticosa Schltr. - rigid shrub with fairly broad leaves, to 1,5 m, flowers whitish; 3-4; middle slopes, Cedarberg.
gnidioides Ecklon & Zeyher - erect or spreading shrub, to 1 m, flowers pink; 5-7; grassy hills, Humansdorp to Port Elizabeth (E Cape).
gracilis (Ecklon & Zeyher) D. Dietr. - pubescent ericoid shrub, to 400 mm, flowers whitish; mainly 12-4; sandy slopes and flats, Malmesbury, Stellenbosch to Bredasdorp.
greyii Pill. - shrublet to 300 mm, flowers whitish; ?; Malmesbury (poorly known).
guthriei Pill. - shrub to 600 mm, flowers whitish; 5; upper mountain slopes, Paarl.
harveyi (Arnott) Pill. - stout low shrublet, to 300 mm, flowers whitish; 9-10; coastal flats, Piketberg to Peninsula.
hirta Pill. - pubescent erect shrub, 400-600 mm, flowers whitish; 1; lower slopes, Clanwilliam.
humilis Sonder - shrublet, 200-300 mm, flowers whitish; 8-11; lower to middle coastal slopes, Caledon.
imberbis Bergius - shrub, 300-750 mm, flowers whitish; 11-4; mountain slopes, widespread, Clanwilliam to George and Swartberg Mts.
incurvata Pill. - wiry shrublet with appressed leaves, flowers whitish; ?; lower slopes, Bredasdorp.
insignis Pill. - rigid shrub, to 600 mm, flowers whitish; 9-10; upper slopes, Cedarberg.

intrusa Pill. - shrub to 600 mm, flowers whitish; 1; mountain summits, Ceres.
karroica Pill. - wiry shrublet, to 400 mm, flowers whitish; 9-10; mid to upper slopes, Robertson, George, Uniondale.
keetii Pill. - shrublet to 400 mm, flowers whitish; 11-2; mid to upper slopes, Knysna, Uniondale.
lachneaeoides Pill. - shrub to 1 m, flowers pink or cream; 5-9; mid to upper slopes, George, Uniondale, Humansdorp.
laevifolia Pill. - shrub to 400 mm, flowers whitish; ?; lower slopes, Bredasdorp (poorly known).
laevigata Pill. - shrublet to 300 mm, flowers whitish; 4-8; limestone hills, Bredasdorp, Riversdale.
lanata Pill. - rigid shrub, to 600 mm, flowers whitish; 8-9; dry rocky upper slopes, Witteberg to Swartberg Mts. at Ladismith.
lasiantha Pill. - shrub to 600 mm?, flowers whitish; 11-2; middle slopes, Bredasdorp, Swellendam?.
lasiocarpa Sonder - shrub to 600 mm, flowers whitish; mainly 12-4; lower slopes, Stellenbosch to Bredasdorp.
leipoldtii Pill. - attractive shrub, to 500 mm, flowers whitish; 8-1; upper slopes, Cedarberg, Ceres.
levynsiae Pill. - shrub to 500 mm, flowers whitish; 9; upper slopes, Ceres.
linifolia Pill. - spreading low shrublet, flowers whitish; 11-12; middle slopes, Caledon.
litoralis D. Dietr. - dwarf shrublet, to 300 mm, flowers whitish; 2; sand dunes, Knysna to Port Elizabeth (E Cape).
longimontana Pill. - spreading shrub, flowers whitish; 11-12; mid to upper slopes, Riversdale.
lucens Pill. - erect shrub, to 500 mm, flowers whitish; 10-2; Caledon.
lucida Pill. - attractive shrub, to 400 mm, flowers whitish; 9; coastal flats, Caledon, Bredasdorp.
mairei Pill. - shrub to 400 mm, flowers whitish; 2-4; lower slopes, Bredasdorp, Swellendam, Robertson.
marlothii Pill. - attractive shrub, to 600 mm, flowers whitish; 5-11; upper mountain slopes, Cedarberg, Worcester, Witteberg (W Karoo).
maximiliani Schltr. - shrub to 600 mm, flowers whitish; 8-9; mid to upper slopes, Clanwilliam.
meyeri Sonder - attractive shrub, to 400 mm, flowers white; 10-2; upper slopes, Swartberg Mts. to Uniondale.
minutiflora Schltr. - shrub to 600 mm, flowers whitish; 12-1; middle slopes, Caledon.
mundii Pill. - shrub to 400 mm, flowers pinkish; 3-5; mountain slopes, Caledon, Riversdale, Ladismtih.
nervosa Pill. - stout shrub with broad white-backed leaves, to 1,5 m, flowers white; 9-1; upper slopes, Piketberg, Cedarberg, Worcester.
nigrita Sonder - shrub, 200-400 mm, flowers whitish; 7-8; lower slopes, Peninsula (extinct?), Caledon, Bredasdorp.
nigromontana Pill. - sparsely branched shrub, to 700 mm, flowers whitish; 2-5; upper slopes, Swartberg Mts.
nodosa Pill. - much-branched shrub, to 1,2 m, flowers whitish; 12; upper slopes, Paarl.
obtusifolia Pill. - shrub to 350 mm, flowers whitish; 12-1; upper slopes, Ceres.
odorata Schltr. - greyish shrub, 300-600 mm, flowers cream, fragrant; 9-11; mid to upper slopes, Cedarberg to Worcester, Witteberg (W Karoo).
oleifolia Vent. - (blinkhardebos); rigid shrub with broad white-backed leaves, to 2 m, flowers cream, in panicles; 3-5; rocky slopes, Nieuwoudtville to Ceres, Tulbagh, Piketberg, Malmesbury (Namaqualand).

paniculata Willd. - (hardebos, luisboom); shrub or tree with fairly broad, white-backed leaves, 2-6 m, flowers white; 5-6; moist rocky slopes, Witteberg, Worcester, Ladismith, Riversdale to Port Elizabeth (E Cape to tropical Africa).

parviflora Bergius - ericoid shrub, to 600 mm, flowers whitish; 1-5; sandy flats and low hills, Worcester, Malmesbury, Paarl, Peninsula to Knysna.

parvula Pill. - spreading shrublet with small leaves, 150-200 mm, flowers whitish; 6-9; low hills, Bredasdorp.

pauciflora Pill. - shrub, 150-500 mm, flowers whitish; 4, 9; upper mountain slopes, Ceres.

pinea Thunb. - shrub with fairly broad, white-backed leaves, to 1 m, flowers white; 12-8; lower mountain slopes, Paarl, Ladismith, Swellendam to Humansdorp.

piquetbergensis Pill. - shrub with fairly broad, white-backed leaves, to 800 mm, 9; middle alt., Piketberg.

plumigera Pill. - low spreading shrub, 100-400 mm, flowers white in attractive heads; 8-12; upper mountain slopes, Cedarberg, Ceres.

plumosa L. - (veerkoppie); attractive shrub with feathery golden bracts, to 300 mm, flowers yellowish, in flexuose racemes; 5-8; lower slopes and flats, Clanwilliam to Peninsula, Caledon, Worcester, Montagu.

propinqua Sonder - shrub to 400 mm, flowers whitish; 4-9; lower slopes, Swellendam, Riversdale.

pubescens Aiton - (featherhead, veerkoppie); attractive shrub, to 1,5 m, flowers white in plumose racemes; 5-8; Worcester, Stellenbosch, Peninsula to Riversdale.

pulchella Schltr. - attractive shrub, 400-600 mm, flowers white, in large heads; 8-11; mountain slopes, Nieuwoudtville, Cedarberg, Ceres.

purpurea Sonder - dense shrub or small tree, 1-3 m, flowers pink; 4-10; Swartberg Mts., Bredasdorp to Humansdorp.

pustulata E. Phillips - erect slender shrub, to 1 m, flowers whitish; 5-8; mountain plateaus, Gifberg, Nieuwoudtville.

recurvifolia Ecklon & Zeyher - shrub to 400 mm, flowers whitish; 10; upper slopes, Swellendam.

retorta Pill. - shrub to 400 mm, flowers whitish; 7-9?; dry upper slopes, Worcester, Witteberg.

reversa Pill. - low shrub, to 200 mm, flowers white; ?;Matroosberg.

rigida Ecklon & Zeyher - rigid shrub, to 1 m, flowers whitish; 9-11; upper slopes, often in rock crevices, Cedarberg, Ceres.

rigidifolia Sonder - shrub to 1 m, flowers white; 5-10; Gifberg, Nieuwoudtville to Tulbagh, Piketberg, Worcester to Riversdale (Karoo, Namaqualand).

rogersii Pill. - spreading shrub, to 500 mm, flowers white; 6-12; upper slopes, Worcester to Montagu, Swellendam.

rubra Willd. ex Roemer & Schultes - shrub to 2 m, flowers white; 3-7; lower slopes, Caledon, Swellendam.

salteri Pill. - shrub to 400 mm, flowers white; 5; upper mountain slopes, Ceres.

schlechteri Pill. - shrub to 600 mm, flowers white; 6-7; mid to upper slopes, Cape Peninsula (poorly known).

selaginoides Sonder - shrub to 400 mm, flowers white; mainly 8-9; coastal limestone flats and hills, Bredasdorp, Swellendam.

sericea Pill. - shrub to 600 mm, flowers white; 12; lower slopes?, Ladismith.

spicata L.f. - shrub with fairly broad, white-backed leaves, to 2 m, flowers white; 4-8; middle slopes, Clanwilliam to Worcester, Tulbagh to Stellenbosch, Piketberg.

stenantha Pill. - low shrublet, to 250 mm, flowers white; 9-10; Caledon, Robertson.

stenopetala Schltr. - stiff shrub, to 600 mm, flowers white; 6; lower slopes, Tulbagh, Piketberg.

stipularis L. - (hondegesig); rigid shrub from persistent rootstock, leaves with tiny stipules, to 1 m, flowers white, in heads; 5-9; sandy flats and lower slopes, Clanwilliam to Malmesbury, Peninsula to Knysna.
stokoei Pill. - densely branched shrub, to 500 mm, flowers whitish; 11-12; upper slopes, Swartberg Mts.
strigosa Bergius - variable shrub, to 1 m, flowers yellowish, in golden plumose heads; 2-7; mountain slopes, Worcester, Malmesbury to Peninsula.
strigulosa Sonder - shrublet to 300 mm, flowers white; 3-7; lower to middle slopes, Piketberg to Peninsula, Paarl, Tulbagh.
subulifolia Pill. - shrub to 500 mm, flowers white; 10-2; upper mountain slopes, Worcester.
thunbergiana Sonder - rigid shrub, 300-500 mm, flowers white; 3-8; lower slopes, Malmesbury, Paarl, Stellenbosch.
tortuosa E. Meyer ex Harvey & Sonder - shrub to 800 mm, flowers white; 7-10; rocky upper slopes, Swartberg Mts. to Uniondale.
trachyphylla A. Dietr. - shrub to 1 m, flowers white; 11; upper mountain slopes, Tulbagh.
tuberculata Pill. - robust shrub, to 500 mm, flowers white; 12-3; upper mountain slopes, Cedarberg, Ceres.
tubulosa Schltr. - low shrublet, flowers white; 10-2; upper slopes, Caledon, Bredasdorp.
variabilis Pill. - shrub to 600 mm, flowers white; 1-3; upper mountain slopes, Caledon.
velutina Sonder - graceful shrublet, to 300 mm, flowers white; 4-8; lower slopes, Worcester, Riversdale, Mossel Bay.
villosa Thunb. - (naaldhardeblaar); shrub to 1 m, flowers white; 2-7; upper slopes, Cedarberg, Piketberg.
virgata A. Dietr. - shrub to 600 mm, flowers white; 3-8; damp middle slopes, Caledon.
vulgaris Pill. - shrublet to 300 mm, flowers white; 6-10; upper mountain slopes, Tulbagh, Worcester, Witteberg, Caledon.
willdenowiana Ecklon & Zeyher - shrub, 300-600 mm, flowers white; 5-7; lower slopes, George to Port Elizabeth (E Cape?).
wittebergensis Pill. - shrub to 600 mm, flowers white; 8; upper slopes and summits, Witteberg to Swartberg Mts. at Ladismith.

RHAMNUS ca 200 sp - more or less cosmopolitan

prinoides L'Her. - (blinkblaar); shrub or small evergreen tree, to 7 m, berries red; 4-8; flowers greenish; 8-12; damp lower slopes, Riversdale to Port Elizabeth (to tropical Africa).

SCUTIA 9 sp - pantropical

myrtina (Burm. f.) Kurz - (cat-thorn, katdoring, droog-my-keel); shrub, scrambler or small tree with recurved thorns, to 5 m, fruits purple; 11-4; flowers yellow; 10-2; forest margins, Peninsula to Port Elizabeth (to tropical Africa).

RORIDULACEAE

RORIDULA 2 sp - S W Cape

dentata L. - shrub with dentate leaves and sticky hairs, to 2 m, flowers pink to magenta; 6-1; damp mid to upper slopes, Clanwilliam to Worcester, Tulbagh.

gorgonias Planchon - (vlieëbos); shrublet with long leaves and sticky hairs, to 600 mm, flowers pink or magenta; 7-10; damp mountain slopes, Stellenbosch to Caledon, Swellendam.

ROSACEAE

ACAENA ca 100 sp - mainly south temperate, Hawaii, California

latebrosa Aiton - tufted grey-leafed pubescent perennial, scapes to 150-300 mm, flowers greenish; 9-10; high alt., Cedarberg, Caledon, Swellendam (W Karoo).

AGRIMONIA ca 15 sp - north temperate

***procera** Wallr. - (= A. **odorata** Miller) (agrimony, akkermonie); erect pubescent perennial, to 1,2 m, flowers orange-yellow; 12-4; George (E Cape to Transvaal, worldwide?).

ALCHEMILLA ca 250 sp - temperate and tropical mountains

capensis Thunb. - softly pubescent trailing perennial, flowers greenish; 10-1; damp mountain slopes, Peninsula, George to Port Elizabeth (E Cape).

CLIFFORTIA ca 115 sp - south and tropical Africa, mainly Cape Mountains

acockii Weim. - low shrublet, to 250 mm; 6-11; low clay hills, Paarl.
aculeata Weim. - shrublet, to 300 mm; 12; streamsides on upper slopes, Swartberg Mts.
alata N.E. Br. - shrub, 300-450 mm; 9-10; lower slopes, Riversdale.
amplexistipula Schltr. - low shrub, 150-300 mm; 10-1; upper slopes, Cedarberg, Ceres, Witteberg.
apiculata Weim. - shrub with flat leaves, to 400 mm; 10-12; Caledon.
arcuata Weim. - shrub with flat narrow leaves, to 1 m; 9-11?; mountain slopes, Uniondale.
atrata Weim. - shrub, 300-900 mm; 7-12; mountain slopes, Ceres, Worcester, Paarl to Peninsula, Caledon to Riversdale.
baccans Harvey - shrub with red fruits, to 600 mm; 9-10; dry upper slopes, Cedarberg to Worcester, Witteberg.
brevifolia Weim. - spreading shrublet, to 300 mm, leaves simple; 12; coastal hills, Bredasdorp.
burchellii Stapf - shrub to 2 m; 4-5; streamsides on lower to middle slopes, Caledon to Port Elizabeth.
carinata Weim. - low shrublet, to 300 mm; 1-4; coastal slopes, Cape Peninsula.
castanea Weim. - low shrub; 10-11; dry upper slopes, Witteberg Mts.
cervicornu Weim. - shrublet with antler-like leaves; 10; upper slopes, Ladismith.
complanata E. Meyer - spreading shrub; 11-3; damp rocky slopes, Paarl, Worcester, Caledon, Swellendam?.
concinna Weim. - slender shrublet with small flat leaves; 5; upper slopes?, Ladismith.
crassinervis Weim. - shrublet with flat leaves; 10; high ridges, Swartberg Mts. at Ladismith.
crenata L.f. - shrub with broad crenate leaves, to 1,5 m; 5-9; mid to upper slopes, Ceres, Witteberg, Worcester to Ladismith, Swellendam.
crenulata Weim. - flexuose shrublet with small broad leaves, to 200 mm; 10; middle slopes, Caledon.

cristata Weim. - shrub to 300 mm; 8-11; upper slopes, Worcester, Caledon.
cuneata Aiton - shrub with flat simple leaves, 1-2 m; 10-11; lower slopes, Worcester to Stellenbosch, Peninsula (extinct?), Caledon.
curvifolia Weim. - spreading shrub with simple leaves; 7; low hills, Bredasdorp.
cymbifolia Weim. - low shrub with simple leaves; 9-10; upper slopes, Paarl, Swartberg Mts.
densa Weim. - densely leafy shrub; 5; upper slopes, Langeberg Mts., Montagu to Swellendam.
dentata Willd. - slender trailing shrublet with flat leaves; mainly 9-10; shady mountain slopes, Peninsula, Caledon.
discolor Weim. - shrub with simple leaves; 1; upper slopes, Cape Peninsula.
dispar Weim. - shrub with white-backed trifoliate or simple leaves; 5, 11; upper mountain slopes, Swellendam, Uniondale.
dodecandra Weim. - shrub to 1 m; 9-12; lower slopes along streams, Paarl, Stellenbosch, Peninsula, Caledon.
dregeana Presl - shrub with simple spiny leaves, 500-900 mm; 7-2; mid to upper slopes, Cedarberg to Worcester, Swartberg Mts., Paarl, Caledon.
drepanoides Ecklon & Zeyher - shrub with flat narrow leaves, to 1 m; 3-4; mountain slopes, Humansdorp, Uitenhage.
erectisepala Weim. - shrub, 1-2 m; 5-7; middle slopes, Paarl, Stellenbosch, Caledon, Swellendam.
ericifolia L.f. - shrub with simple ericoid leaves, to 600 mm; 2-6; damp lower slopes, Cape Peninsula.
eriocephalina Cham. - silvery pubescent shrub, to 1 m; 9-2; high mountain summits, Worcester, Tulbagh, Peninsula to Knysna.
esterhuyseniae Weim. - pubescent shrub with flat simple leaves, to 2 m; 12; upper slopes, Worcester.
exilifolia Weim. - robust shrub, to 1,3 m; 4, 9; upper slopes, Caledon, Swellendam.
falcata L.f. - shrub to 1 m; 4-7; coastal slopes, Peninsula, Bredasdorp, Riversdale, Knysna.
ferruginea L.f. - (glastee, teringtee, pypsteelbos); variable sprawling shrublet with simple toothed leaves; 11-7; near water, usually on lower slopes, Stellenbosch, Peninsula to Port Elizabeth.
filicaulis Schldl. - sprawling or erect shrublet with flat leaves; 8-12; lower slopes, Tulbagh to Peninsula, Caledon to Humansdorp.
filifolia L.f. - low shrub; 5-8; flats and lower slopes, (Clanwilliam, Piketberg?), Paarl, Malmesbury, Peninsula to Knysna.
geniculata Weim. - similar to C. **glauca**, flat-leafed shrub; 1-2; lower slopes, Caledon.
glauca Weim. - flat-leafed shrub, 400-900 mm; 11-2; lower to middle slopes, Peninsula, Caledon to Riversdale, Ladismith.
gracilis Harvey - trailing shrublet; 10; shaded upper slopes, Worcester, Riversdale.
graminea L.f. - (vleirooigras, wilde-ertjie); erect or sprawling shrub with grass-like leaves, 1-2 m; 8-3; damp flats and slopes, Tulbagh, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape).
grandifolia Ecklon & Zeyher - (grootblaarrysbos); robust shrub or small tree with large simple spiny leaves, 2-5 m; 12-1; wooded ravines on mid to upper slopes, Paarl, Caledon to Riversdale.
hantamensis Diels - spreading pubescent shrub, to 1 m; 9-10; upper slopes, Cedarberg (W Karoo).
hermaphroditica Weim. - shrub with flat leaves; 11; Stellenbosch.
heterophylla Weim. - robust shrub with simple dimorphic leaves, to 2,5 m; 4-12; mountain slopes in damp ravines, Caledon.
hexandra Weim. - erect shrub, to 600 mm; 9-10; upper slopes, Gifberg, Cedarberg, Ceres.

hirsuta Ecklon & Zeyher - robust shrub with broad white-backed leaves, to 500 mm; 4-12; damp mountain slopes, Caledon, Swellendam.
hirta Burm. f. - straggling shrub, to 600 mm; 5-11; flats and lower slopes, Cape Peninsula.
ilicifolia L. - (doringtee, Jankoensedoring); shrub with simple flat spiny-toothed leaves, to 2 m; 4-12; damp slopes, Tulbagh?, Peninsula to Port Elizabeth.
incana Weim. - robust shrub; 10; lower slopes, Swellendam (poorly known).
integerrima Weim. - shrub with simple flat spine-tipped leaves, to 1 m; 1-5; mountain slopes, Paarl, Peninsula, Caledon, Swartberg Mts.
intermedia Ecklon & Zeyher - ericoid shrub, 600-800 mm; 7-11; lower slopes, Peninsula, Caledon, Worcester.
juniperina L.f. - erect ericoid shrub, to 1 m; 9-3; damp lower slopes, Clanwilliam, Ceres, Tulbagh to Peninsula, Caledon.
lanata Weim. - erect shrublet with densely silky leaves, to 300 mm; 5-6; upper mountain slopes, Worcester.
lanceolata Weim. - erect shrub, to 500 mm; 11-1; upper slopes, Langeberg Mts., Swellendam to Riversdale.
lepida Weim. - slender straggling shrublet; 12; upper slopes, Tulbagh, Worcester.
linearifolia Ecklon & Zeyher - erect shrub, to 1,5 m; lower slopes, Mossel Bay to Port Elizabeth (E Cape to tropical Africa).
longifolia (Ecklon & Zeyher) Weim. - shrub with grass-like leaves; 12; streamsides and marshes, Peninsula?, Swellendam.
marginata Ecklon & Zeyher - twiggy shrublet, to 300 mm; 3-4; lower slopes, Stellenbosch, Worcester.
micrantha Weim. - slender small-leafed shrub, 300-600 mm; 5-6; streamsides at high alt., Ladismith.
mirabilis Weim. - rigid low? shrub with flat, 2-3-foliate leaves; 7; upper slopes, Worcester.
monophylla Weim. - shrub with flat small simple pubescent leaves, to 600 mm; 10-4; lower to middle slopes, Caledon.
multiformis Weim. - shrub with simple or divided spine-tipped leaves; ?; mid to upper slopes, Paarl, Bredasdorp.
neglecta Schltr. - low stout shrub with simple needle-like leaves, 200-300 mm; 9-10; upper slopes, Cedarberg, Ceres, Witteberg and Swartberg Mts.
obcordata L.f. - shrub with flat leaves, to 1,3 m; 3-11; flats and lower slopes, Stellenbosch, Peninsula.
obovata E. Meyer - spreading shrublet, to 600 mm; 4; mid to upper slopes, Tulbagh, Paarl, Caledon.
odorata L.f. - (wildewingerd); scrambling shrub with fairly large, flat, simple leaves; 5-2; damp upper slopes, Paarl, Peninsula to Port Elizabeth (to Natal).
ovalis Weim. - sprawling or erect shrub with simple flat leaves; 12-1; upper slopes, Stellenbosch, Caledon.
paucistaminea Weim. - dense shrub, to 1,2 m; 1-4; lower slopes, George to Port Elizabeth (E Cape to Natal).
pedunculata Schltr. - erect or sprawling shrub with flat leaves; 7-1; damp middle slopes, Paarl, Peninsula, Caledon.
phillipsii Weim. - robust shrub with flat spiny-toothed leaves, to 3 m; 11-12; middle slopes, Paarl to Caledon.
phyllanthoides Schltr. - shrublet with flat orbicular bifoliate leaves, to 400 mm; 4; coastal flats, Caledon, Bredasdorp.
pilifera Bolus - lax sprawling shrublet with flat simple leaves, to 600 mm; 11-4; damp mid to upper slopes, Paarl.
polita Weim. - shrub or shrublet, to 600 mm; 11-1; dry upper slopes, Mossel Bay, Uniondale.

polygonifolia L. - (paddabos); variable erect shrub with flat pubescent leaves, to 1,5 m; 4-11; flats and lower slopes, Clanwilliam to Peninsula, Worcester, Caledon, Bredasdorp.

propinqua Ecklon & Zeyher - sprawling shrub with small flat leaves, to 600 mm; 2-3; rocky mid to upper slopes, Cedarberg to Worcester, Paarl, Swellendam.

pterocarpa (Harvey) Weim. - shrub to 1 m; 8-12; lower slopes, Paarl, Peninsula, Caledon to Uniondale.

pulchella L.f. - shrub with flat reniform leaves, to 600 mm; 4-5; mid to upper slopes, Langeberg Mts., Montagu to Mossel Bay.

pungens Presl - shrub with simple spine-tipped leaves, 300-900 mm; 9; rocky upper slopes, Ceres, Worcester, Caledon.

ramosissima Schltr. - shrub to 3 m; 4-5; flats and slopes, Bredasdorp, Worcester?, Uniondale, Humansdorp (E Cape to Transvaal, Karoo).

repens Schltr. - erect or spreading shrub, to 1 m; 3-4; Witteberg?, Uitenhage (E Cape to Transvaal).

reticulata Ecklon & Zeyher - straggling shrublet with simple fairly large leaves; 11-2; damp mid to upper slopes, Tulbagh.

rigida Weim. - low shrublet; 9-10; middle slopes, Paarl.

robusta Weim. - robust sprawling shrub, to 200 mm; 11-2; upper slopes, Swartberg Mts. to Uniondale.

ruscifolia L. - (climbers friend, steekbos); shrub with simple spiny channelled leaves, to 1,5 m; 8-10; flats and slopes, widespread in S W Cape (Namaqualand).

semiteres Weim. - straggling shrub, to 600 mm; 6; mid to upper slopes, Worcester, Ladismith.

sericea Ecklon & Zeyher - silky shrub, to 600 mm; 8-11; mountain slopes, Tulbagh, Ceres, Paarl, Worcester, Caledon.

serpyllifolia Cham. & Schldl. - shrub with flat small leaves, to 2 m; 11-5; mid to upper slopes, Swellendam to Port Elizabeth (to Natal).

setifolia Weim. - sprawling shrub; 12; rock crevices at high alt., Ladismith.

stricta Weim. - erect shrub, to 1,5 m; 10-6; flats and lower slopes, Peninsula to Humansdorp.

strigosa Weim. - (resembles C. **virgata**); straggling shrub with broad simple leaves, to 1 m; 3; upper slopes, Paarl.

strobilifera Murr. - (kammiebos, pypsteelbos, vleibos); shrub with narrow simple leaves, 1-3 m; 1-4; moist flats and lower slopes, widespread in S W Cape (Namaqualand, E Cape to Transvaal).

subdura Weim. - shrub with narrow flat leaves, to 1 m; ?; streambanks, Worcester.

subsetacea Diels ex Bolus & Wolley-Dod - shrub with slender curved leaves, 0,5-2 m; 8-1; mountain slopes, Peninsula, Caledon.

tenuis Weim. - slender shrublet, to 300 mm; 12; lower slopes, Caledon, Bredasdorp.

teretifolia L.f. - ericoid shrub, to 1 m; mainly 9-12; mountain slopes, Cedarberg to Tulbagh, Piketberg, Witteberg Mts. (Namaqualand).

theodori-friesii Weim. - prickly robust shrub with simple flat spine-tipped leaves, to 1 m; 9-4; mid to upper slopes, Peninsula, Caledon.

tricuspidata Harvey - prostrate shrublet with flat simple pubescent leaves; 12-4; upper slopes, Cedarberg to Worcester, Paarl, Caledon.

triloba Harvey - low spreading shrub with flat leaves, to 300 mm; 8-9; upper slopes, Clanwilliam, Cedarberg, Ceres.

tuberculata (Harvey) Weim. - shrub to 1 m; 10-11; high peaks, Cedarberg to Worcester, Piketberg to Paarl, Swartberg Mts., Riversdale.

uncinata Weim. - erect or trailing shrublet with simple reflexed leaves; 9-12; upper slopes, Cedarberg, Ceres.

varians Weim. - (resembles C. **crenulata**); shrublet with broad bifoliolate, occ. trifoliolate leaves, 300-600 mm; 9-12; mid to upper slopes, Swellendam.

verrucosa Weim. - shrublet with simple flat leaves; 10; upper slopes, Swartberg Mts.
virgata Weim. - sparsely branched shrub, 1-2 m; 8-10; upper slopes, Ceres, Piketberg, Paarl.
viridis Weim. - spreading shrub with simple flat leaves; 9; upper slopes, Caledon.

GRIELUM 5 sp - S Cape to Namaqualand, Karoo

grandiflorum (L.) Druce - prostrate annual with silvery leaves, flowers glossy, bright yellow; 8-10; sandy flats or dunes, Clanwilliam to Peninsula.
humifusum Thunb. - (duikerwortel); prostrate annual with grey leaves, flowers glossy, pale yellow; 8-9; sandy lower slopes and flats, Nieuwoudtville to Malmesbury (Karoo, Namaqualand).

PRUNUS over 400 sp - fairly cosmopolitan

africana (Hook. f.) Kalkman - (= **Pygeum africanum** Hook. f.) (red stinkwood, rooistinkhout); evergreen tree, 10-24 m, fruit round, brownish; 8-9; flowers white; 4-5; forest, George, Knysna (E Cape to tropical Africa).

RUBUS over 250 sp - cosmopolitan, mainly N Hemisphere (introduced species not included)

fruticosus L. - spiny shrub with palmate leaves, fruit black; 12-3; flowers pale pink; 9-12; flats and lower slopes, Stellenbosch, Peninsula.
pinnatus Willd. - (bramble, braambos); spiny shrub with pinnate leaves, fruit orange, often turning purple; 11-2; flowers pale lilac; 8-11; Peninsula, Swellendam to Port Elizabeth (E Cape to tropical Africa).
rigidus Smith - spiny shrub with pinnate leaves, fruit golden or purple red; 1-6; flowers pink or white; 10-3; Clanwilliam to Port Elizabeth (E Cape to tropical Africa).

RUBIACEAE

ANTHOSPERMUM ca 40 sp - mostly Africa, also Madagascar and S Arabia

aethiopicum L. - dioecious ericoid shrub with leaves in whorls of 3, flowers small, yellowish; mainly 8-1; flats and slopes, widespread in S W Cape (E Cape).
bergianum Cruse - dioecious short-lived ericoid shrublet with ciliate leaves, to 750 mm, flowers small, yellow, occ. tinged red; mainly 7-1; flats to middle slopes, Clanwilliam to Peninsula, Caledon.
bicorne Puff ined. - ericoid shrub, to 500 mm, fruits with 1 fertile mericarp, flowers sometimes unisexual, small, yellowish or purple tinged; mainly 12-4; sandy flats and slopes, Clanwilliam to Cape Flats, Caledon, Bredasdorp.
comptonii Puff ined. - dioecious cylindrical to rounded shrublet, to 300 mm, flowers small, green to yellow; 8-10; rocky places, Ceres, Witteberg, Ladismith to Uniondale.
dregei Sonder - rounded shrublet, to 400 mm, flowers sometimes unisexual, small, yellow to green; 8-10; rocky sandstone outcrops, Nieuwoudtville to Tulbagh, Piketberg, Ceres (Namaqualand to S Namibia).
ericifolium (Lichtenst. ex Roemer & Schultes) O. Kuntze - (= **A. lichtensteinii** Cruse); shrub with ciliate leaves, to 600 mm, fruit with 1 fertile mericarp, flowers unisexual, small, yellowish; 10-11; sand and gravel, Cape Flats to Caledon, Worcester.

esterhuysenianum Puff ined. - mat-forming or prostrate shrublet with mature leaves, flowers sometimes unisexual, small, yellowish or purple tinged; 10-1; high alt., Clanwilliam to Stellenbosch, Worcester.

galioides Reichb. - (= **A. ciliare** auct.); variable erect or prostrate shrublet, flowers sometimes unisexual, small, yellowish; 7-1; flats and slopes, widespread in S W Cape (E Cape).

herbaceum L.f. - (= **A. lanceolatum** Thunb.); perennial, flowers sometimes unisexual, small, greenish to yellow; 1-12; damp shady forest and forest margins, Swellendam to Port Elizabeth (to tropical Africa and S Arabia).

hirtum Cruse - low shrublet with stems usually hirsute, flowers sometimes unisexual, small, greenish to red; 8-12; mainly damp shady lower and middle slopes, Clanwilliam to Peninsula, Caledon to Bredasdorp, Riversdale.

paniculatum Cruse - dioecious erect shrub, to 700 mm, flowers small, yellow; 8-4; grassy and rocky slopes, George to Port Elizabeth (E Cape to Transkei).

prostratum Sonder - dioecious dwarf shrub with long trailing stems rooting at the nodes, flowers small, yellow to red-purple; 8-10; sandy coastal dunes and flats, Malmesbury, Peninsula, Bredasdorp, Knysna, Port Elizabeth.

pumilium Sonder - shrub to 550 mm, flowers sometimes unisexual, small, yellowish; dry rocky slopes, Mossel Bay (Karoo).

spathulatum Spengel - (= **A. tricostatum** Sonder, **A. aethiopicum** auct.); dioecious erect shrub, occ. cushion-forming, with decussate leaves, flowers small, yellow; 6-2; widespread on flats and slopes, S W Cape (Namaqualand, E Cape).

BURCHELLIA 1 sp - S Cape to E Transvaal

bubalina (L.f.) J. Sims - (wild pomegranate, wildegranaat); shrub or tree, 3-5 m, flowers scarlet or orange; 9-12; forest margins or grassy slopes, Swellendam to Port Elizabeth (E Cape to E Transvaal).

CANTHIUM ca 50 sp - Africa, India

ciliatum (Klotzsch) Kuntze - (skaapdrolletjie, dwergbokdrol); shrub to over 2 m, flowers greenish; 6-12; forests, Humansdorp (E Cape to Transvaal).

inerme (L.f.) Kuntze - (= **Plectronia ventosa** L., **Canthium ventosum** (L.) S. Moore) (Cape date, turkey berry, gewone bokdrol); shrub or tree, 3-10 m, fruit oval or lobed, purple to black; 11-2; flowers greenish; 9-12; coastal slopes, Peninsula to Port Elizabeth (E Cape to Mozambique and Zimbabwe).

mundianum Cham. & Schldl. - (rock alder, klipels); shrub or tree, sometimes spiny, 1-5 m, fruit oval or lobed; 12-2; flowers greenish; 10-12; forest, Peninsula to Port Elizabeth (E Cape to Mozambique and Zimbabwe).

obovatum Klotzsch - (quar, kwar); shrub or tree, 4-17 m, fruit oval or lobed; 3-5; flowers greenish; 1-3; coastal forest, Swellendam to Port Elizabeth (E Cape to Mozambique and Zimbabwe).

pauciflorum (Klotzsch) Kuntze - (waterbokdrol); scrambling shrub or small tree, to 6 m, fruit reniform; 3-9; flowers greenish, inconspicuous; 10-1; forest, Knysna (E Cape to Transvaal).

spinosum (Klotzsch) Kuntze - (doringklipels); spiny shrub or tree, 2-9 m, fruit oval or lobed, blue-black; 9-11; flowers greenish; 5-9; coastal forest, Humandorp (E Cape to Natal).

CARPACOCE 7 sp - S W to E Cape

burchellii Puff ined. - dwarf ericoid shrublet, to 300 mm, fruit with 1 enlarged calyx lobe, flowers perfect or female, small; 11-4; damp south-facing slopes and kloofs, Paarl, Caledon.

curvifolia Puff ined. - decumbent dwarf shrublet with recurved leaf blades, fruit mostly with 2 enlarged calyx lobes, flowers perfect or female, small; 11-3; damp shady upper slopes, Ladismith to Uitenhage.

gigantea Puff ined. - ericoid shrub, to 900 mm, fruit with 3 enlarged calyx lobes, flowers perfect or female, small, hidden among foliage; 11-1; moist well-drained mountain slopes, Swellendam.

heteromorpha (Buek.) L. Bolus - densely leafy shrublet with recurved leaves, to 450 mm, fruit with 4 enlarged calyx lobes, flowers perfect, small, hidden among foliage; 7-1; sand and gravel, Worcester and Hottentots Holland Mts. to Bredasdorp.

scabra (Thunb.) Sonder - ericoid shrublet, to 400 mm, fruit with 5(6) enlarged calyx lobes, flowers perfect or unisexual, small; 9-1; sandy places on mountain slopes, Nieuwoudtville to Worcester, Witteberg Mts.

spermacocea (Reichb.) Sonder - foetid perennial or dwarf shrub, fruit with 1 or 2 enlarged calyx lobes, flowers perfect or unisexual, small; 7-1; damp shade below rocks and forest margins, Tulbagh, Paarl, Peninsula to Port Elizabeth.

vaginellata T.M. Salter - ericoid shrub, to 700 mm, fruits large, with 5(6) enlarged calyx lobes, flowers unisexual, small, hidden among leaves; 7-5; sandy to rocky flats, slopes and plateaus, widespread in S W Cape (E Cape).

GALIUM ca 400 sp - cosmopolitan

bredasdorpense Puff - scrambling perennial, flowers small, yellow; 11-12; limestone areas, Bredasdorp.

capense Thunb. - (tiny tots); variable, often scrambling perennial, flowers tiny, yellow; 9-12; flats and slopes, Gifberg to Oudtshoorn, Paarl to Humansdorp (Namaqualand, Karoo, E Cape to Transvaal).

monticolum Sonder - scrambling perennial, to 1 m, flowers small, yellow; 10-11; Clanwilliam.

mucroniferum Sonder - scrambling perennial, flowers small, cream to yellow; 9-12; shady lower slopes, Paarl, Stellenbosch, Caledon, Worcester.

rourkei Puff - prostrate much-branched soft perennial, flowers creamy-white; 12; shady damp areas under rocks, Kogelberg, Bredasdorp.

spurium L. - (cleavers, goose-grass); annual, flowers small, cream; 9-12; damp shady lower to middle slopes, Clanwilliam, Worcester to Oudtshoorn, Paarl, Peninsula to Bredasdorp (Namaqualand, E Cape to tropical Africa, Europe).

subvillosum Sonder - scrambling perennial, flowers creamy-yellow; 9-12; damp upper mountain slopes, Paarl, Worcester, Montagu, Caledon.

tomentosum Thunb. - (kleefgras); dioecious perennial, often densely pubescent, flowers small, female long-pedicellate; 9-11; coastal and lower mountain slopes, widespread in S W Cape (E Cape, Karoo, Namaqualand to Namibia).

undulatum Puff - (= G. **glabrum** sensu Sonder); scrambling perennial, flowers tiny; 9-12; shady upper slopes, Bredasdorp, Swellendam, Montagu.

GALOPINA 4 sp - S W Cape to S Malawi

circaeoides Thunb. - perennial with large branched inflorescence, 200-600 mm, flowers small, greenish; 12-4; forests and forest margins at low alt., Riviersonderend and Langeberg Mts. to Port Elizabeth (E Cape to S Malawi).

GARDENIA ca 250 sp - pantropical and subtropical

thunbergia L.f. - (white gardenia, witkatjiepiering); shrub or small tree with persistent grey oval woody fruit, 2-5 m, flowers showy cream; 8-12; forest, Humansdorp to Port Elizabeth (southern Africa).

HYDROPHYLAX 3 sp - Africa, Madagascar, India, Thailand

carnosa Sonder - succulent creeping perennial, flowers white, inconspicuous; 3-7; sand dunes, Knysna to Port Elizabeth (E Cape to S Mozambique).

KOHAUTIA ca 60 sp - Africa, Malagasy to Asia

virgata (Willd.) Bremek. - branched perennial, 100-700 mm, flowers lilac, occ. white; 8-5; open grassland, Knysna to Uitenhage (to tropical Africa, Madagascar).

NENAX 9 sp - S W Cape, Karoo, Namaqualand, Namibia

acerosa Gaertner - dioecious ericoid shrub with indehiscent fruit, to 500 mm, flowers small, yellowish; 7-11; sand and gravel flats and slopes, Clanwilliam to Worcester, Peninsula to Riversdale.

arenicola Puff ined. - dioecious intricately branched shrub with large indehiscent fruit, to 1 m, flowers small, greenish; 7-8; coastal sandy flats, Clanwilliam (Namaqualand).

cinerea (Thunb.) Puff ined. - (= **N. dregei** L. Bolus); dioecious intricately branched shrub with grey leaves, to 1 m, fruit inflated, dehiscent, flowers small, yellowish; 8-9; among rocks along seasonal watercourses, Witteberg (Karoo, Namaqualand, S Namibia).

coronata Puff ined. - dioecious ericoid shrublet with small dehiscent fruit, to 400 mm, flowers small, yellowish; 6-8; sandy places on dry slopes, Gifberg, Clanwilliam.

divaricata T.M. Salter - dioecious ericoid divaricately branched shrub with small dehiscent fruit, to 1 m, flowers small, yellow-green or purplish-tinged; 7-9; dry sand and slopes, Nieuwoudtville to Hottentots Holland Mts.

elsiae Puff ined. - dioecious low ericoid shrublet with pubescent dehiscent fruit, to 300 mm, flowers small, yellow-green; 9-?; dry rocky slopes, Ceres, Worcester.

hirta (Cruse) T.M. Salter - dioecious ericoid diffusely branched shrublet with leaves in whorls of 3, to 300 mm, fruit indehiscent, puberulous, flowers small, yellow; 6-8; sand and gravel flats and slopes, Piketberg to Peninsula, Worcester.

OLDENLANDIA ca 300 sp - cosmopolitan in warm regions

capensis L.f. - slender erect or prostrate annual, flowers white or lilac; 12-4; disturbed sites, Nieuwoudtville, Clanwilliam, Peninsula, Uitenhage (widespread in Natal, Transvaal and tropical Africa).

PAVETTA ca 350 sp - palaeotropical

capensis (Houtt.) Bremek. - (Christmas bush); shrub, 1-2 m, flowers white; 12-1; forests, Uitenhage (E Cape to Natal).

lanceolata Ecklon - (bosbruidsbos); shrub or small tree, 2-4 m, flowers white; 11-1; forest, Knysna to Uitenhage (E Cape to Transvaal).

PSYCHOTRIA ca 1400 sp - pantropical

capensis (Ecklon) Vatke - (bastard lemonwood, basterlemoenhout); shrub or small tree, to 7 m, berries red; 4-8?; flowers yellow; 7-1; forest and forest margins, Uitenhage (E Cape to Mozambique and Zimbabwe).

ROTHMANNIA ca 25 sp - Africa

capensis Thunb. - (wild gardenia, candlewood, wildekatjiepiering); tree to 12 m, flowers large, white or cream, speckled in centre; 1-2; forest, Swellendam to Port Elizabeth (E Cape to Transvaal).

RUBIA ca 60 sp - fairly cosmopolitan

petiolaris DC. - (kleefgras, rooihoutjie); scrambling perennial, flowers greeny-yellow; 12-2; coastal woody scrub, Riversdale to Port Elizabeth (E Cape to Lesotho).

RUTACEAE

ACMADENIA 33 sp - S W to E Cape

alternifolia Cham. - shrub to 1 m, flowers deep pink; 6-7; coastal fynbos, Knysna to Keurbooms River.
argillophila I.J. Williams - rigid much-branched shrub, 200-500 mm, flowers lilac; 7-8; shale slopes, Worcester, Witteberg.
baileyensis I.J. Williams - shrub to 500 mm, flowers pink; 11; upper slopes, Ladismith.
bodkinii (Schltr.) Strid - shrub to 1 m, flowers white; 10-11; rock crevices at high alt., Cedarberg.
burchellii Dummer - erect shrublet, to 300 mm, flowers bright pink; 10-1; mountain summits, Langeberg.
candida I.J. Williams - slender shrublet, to 300 mm, flowers white; 3-5; marshy upper slopes, Caledon (possibly extinct).
densifolia Sonder - shrub to 700 mm, flowers deep pink; 3-8; limestone hills, Bredasdorp to Riversdale.
faucitincta I.J. Williams - slender shrub, flowers white with purple centre; 11; upper slopes, Caledon.
flaccida Ecklon & Zeyher - slender shrub, to 1 m, flowers white; 6-10; arid lower to middle slopes, Clanwilliam.
fruticosa I.J. Williams - twiggy shrub, to 1 m, flowers pale pink and white; 5-8; upper slopes, Worcester, Ladismith.
gracilis Dummer - spreading shrublet, to 400 mm, flowers pink; 10-12; mid to upper slopes, Robinson Pass.
heterophylla Glover - low dense often-grazed shrub, to 400 mm, flowers pink or white; 12-4; soil pockets on coastal limestone, Bredasdorp to Mossel Bay.
latifolia I.J. Williams - shrub, 250-600 mm, flowers rose-pink; 8-12; lower to middle slopes, Riversdale.
laxa I.J. Williams - low shrub, to 300 mm, flowers rose-pink; 6-10; lower slopes, Swellendam.
macradenia (Sonder) Dummer - (resembles **Adenandra**); often-grazed shrub, to 400 mm, flowers white; 8-10; rocky mid to upper slopes or rock crevices, Cedarberg, Tulbagh, Piketberg?.
macropetala (Glover) Compton - spreading shrub, to 500 mm, flowers pink; 6-8; lower slopes, Bredasdorp to Mossel Bay.
maculata I.J. Williams - shrub to 500 mm, flowers pink; 7-8; middle slopes, George.
matroosbergensis E. Phillips - densely branched shrub, to 600 mm, flowers pink or magenta; 6-10; rocky upper slopes, Cedarberg, Worcester to Montagu.
mundiana Ecklon & Zeyher - shrub to over 1 m, flowers bright pink; 4-10; limestone hills, Bredasdorp.

nivea I.J. Williams - slender spreading shrublet, to 300 mm, flowers white; 6-11; marshy areas at high alt., Caledon.

nivenii Sonder - slender shrub, 0,3-1 m, flowers pink to red; 10; middle slopes, Langeberg Mts.

obtusata (Thunb.) Bartling & Wendl. - (= **A. juniperina** Bartling & Wendl., **A. uniflora** E. Phillips) (duineboegoe, steekboegoe); often-grazed shrub, to 600 mm, flowers bright pink; 4-11; coastal limestone, Caledon to Riversdale (E Cape).

patentifolia I.J. Williams - spreading shrub, to 1 m, flowers white; 9-11; high mountain plateaus, Cedarberg, Ceres.

rourkeana I.J. Williams - low much-branched shrub, to 300 mm, flowers pink; 8-10; upper slopes, Cedarberg.

rupicola I.J. Williams - low shrub, to 250 mm, flowers pink; 6, 12; rock crevices at middle alt., Robinsons Pass.

sheilae I.J. Williams - much-branched shrub, to 1,5 m, flowers rose-pink; 3-10; mid to upper slopes, Swartberg and Roodeberg Mts.

tenax I.J. Williams - spreading shrub, to 300 mm, flowers white; 1-2; shady rock crevices at high alt., Worcester.

teretifolia (Link) E. Phillips - sprawling shrub, to 400 mm, flowers pink; 12-4; mountain summits, Cedarberg to Tulbagh, Worcester, Swartberg Mts.

tetracarpellata I.J. Williams - spreading shrub, to 1 m, flowers white; 11; dry sandy mountain plateaus, Ceres.

tetragona (L.f.) Bartling & Wendl. - (pagoda flower); shrub, 0,3-1 m, flowers pink; 4-12; middle slopes, Outeniqua Mts.

trigona (Ecklon & Zeyher) Druce - diffuse shrublet, to 400 mm, flowers pink; 4-8; dry rocky lower slopes, Langeberg Mts.

wittebergensis (Compton) I.J. Williams - (= **Diosma wittebergensis** Compton); densely branched rigid shrub, to 500 mm, flowers white; 4-11; dry rocky upper slopes, Witteberg, Roodeberg.

ADENANDRA 18 sp - S W Cape

acuta Schltr. - shrublet, 250-600 mm, flowers white with pink reverse; 10-12; upper slopes, Paarl, Caledon.

brachyphylla Schldl. - lax shrublet, 400-800 mm, flowers white with pink reverse; 7-11; coastal lower to middle slopes, Caledon.

coriacea Licht. ex Roemer & Schultes - much-branched shrublet, 250-450 mm, flowers white with pink or red reverse; 9-11; rocky upper slopes, Paarl, Caledon.

dahlgrenii Strid - robust shrublet, 0,4-1 m, flowers pale pink; 5-12; rock crevices at high alt., Ladismith.

fragrans (Sims) Roemer & Schultes - (anysbuchu, klipsissie); shrub, 0,4-1 m, flowers white with pink reverse; 9-11; mountain slopes, Swellendam, Riversdale.

gracilis Ecklon & Zeyher - slender shrublet, 200-400 mm, flowers white with pinkish reverse; 9-10; marshes at high alt., Caledon.

gummifera Strid - shrub or shrublet, 0,4-1 m, flowers white with pink reverse; 1-9; rocky lower limestone slopes, Bredasdorp.

lasiantha Sonder - shrublet, 200-450 mm, flowers white with reddish reverse; 7-9; rocky lower slopes, Caledon, Bredasdorp.

marginata (L.f.) Roemer & Schultes - low variable shrublet, 100-150 mm, flowers white with pink reverse; 6-11; mountain slopes, Nieuwoudtville, Clanwilliam to Bellville, Caledon, Bredasdorp.

multiflora Strid - slender shrublet, to 700 mm, flowers white or pink with darker reverse; 8-11; lower slopes, Caledon.

mundiifolia Ecklon & Zeyher - straggling shrublet, 200-700 mm, flowers white with pink reverse; 8-11; rocky mountain slopes, Caledon, Swellendam, Montagu.
obtusata Sonder - robust shrublet, to 500 mm, flowers white with pink reverse; 1-12; coastal often limestone flats and slopes, Bredasdorp to Swellendam.
odoratissima Strid - fairly robust shrublet, 200-600 mm, flowers white with pink or purplish reverse; 9-10; coastal sand or limestone, Bredasdorp.
rotundifolia Ecklon & Zeyher - rounded shrub, to 1 m, flowers white; 9-10; coastal sand or limestone, Bredasdorp, Swellendam.
schlechteri Dummer - slender shrublet, to 400 mm, flowers white with pink reverse; 4-7; low coastal rocky hills, Bredasdorp.
uniflora (L.) Willd. - (china flower, kommetjieteewater, bergskaapboegoe); shrublet, 100-400 mm, flowers white or pink; 7-11; lower to middle slopes, Paarl, Peninsula, Caledon.
villosa (Bergius) Lichtenst. ex Roemer & Schultes - (shepherd's delight, basterbergboegoe); shrublet, 0,2-1 m, flowers white with red reverse; 4-12; mountain slopes, Clanwilliam to Worcester, Tulbagh to Peninsula, Caledon.
viscida Ecklon & Zeyher - shrublet to 500 mm, flowers white with pink reverse; 8-10; coastal rocky slopes, Caledon, Bredasdorp.

AGATHOSMA ca 135 sp - mainly S W Cape, E Cape to Natal

abrupta Pill. - much-branched dwarf shrublet, to 300 mm, flowers in terminal clusters, white or pale pink; 4-8; coastal limestone slopes, Caledon.
acocksii Pill. - dwarf shrublet, flowers in terminal clusters, pink; 9-11; upper slopes, Worcester.
acutissima Dummer - strong-smelling sprawling leafy shrublet, to 700 mm, flowers white; 8-9; lower coastal slopes, Plettenberg Bay to Uitenhage.
adenandriflora Schltr. - low woody shrublet, flowers attractive, axillary, bright pink; 9-1; rocks at high alt., Ceres, Worcester, Witteberg, Ladismith.
adnata Pill. - much-branched pubescent shrublet, to 300 mm, flowers in dense terminal clusters, white; 11-1; rocks at high alt., Cedarberg.
aemula Schltr. - much-branched wiry shrublet, to 400 mm, flowers in dense terminal clusters, white; 8-12; Cedarberg.
affinis Sonder - shrub to 600 mm, flowers in terminal clusters, pink; 7-8; seeps on upper slopes, Swartberg and Kammanassie Mts.
alaris Cham. - resinous shrub, to 300 mm, flowers in terminal clusters, white; ?; Plettenberg Bay (poorly known).
alpina Schltr. - shrub, 200-800 mm, flowers in dense heads, purple, bright pink, occ. white; 10-12; upper slopes or plateaus, Ceres, Worcester, Witteberg, Anysberg.
alticola Schltr. ex Dummer - low shrublet, flowers in dense heads, white to mauve; 12-1; upper slopes, Ceres, Worcester, Witteberg.
anomala E. Meyer ex Sonder - robust shrublet, to 300 mm, flowers creamy-white; 10-4; rocky mid to upper slopes, Worcester, Paarl, Caledon.
apiculata G.F. Meyer - (knoffelboegoe); densely leafy strong-smelling shrublet, 300-900 mm, flowers in terminal clusters, white; 4-1; coastal dunes and limestone, Riversdale to Port Elizabeth (E Cape).
asperifolia Ecklon & Zeyher - shrub to 1 m, flowers white, in numerous small heads; 9-3; lower slopes, Clanwilliam, Piketberg, Tulbagh.
barosmifolia Ecklon & Zeyher - rounded shrublet with fairly large leaves, to 300 mm, flowers in terminal clusters, white; 7-9; rocky lower slopes, Clanwilliam.
barnesiae Compton - dwarf shrub, flower heads white; 10-12; rocky upper slopes, Witteberg.
bathii (Dummer) Pill. - broad-leafed shrub, to 1 m, flowers white; 7-11; mid to upper slopes, Cedarberg.

betulina (Bergius) Pill. - (buchu, bergboegoe); fragrant shrub, to over 2 m, flowers fairly large, white or pink; 6-11; mountain slopes, Nieuwoudtville, Cedarberg, Piketberg, Tulbagh.

bicolor Dummer - slender sprawling shrublet, flowers white, buds red; 8-9; mid to upper slopes, Clanwilliam.

bifida (Jacq.) Bartling & Wendl. - (bergboegoe); variable shrublet, to 600 mm, flowers in terminal clusters, white; 1-12; mountain slopes, Clanwilliam?, Paarl, Worcester, Peninsula to Riversdale, Rooiberg.

bisulca (Thunb.) Bartling & Wendl. - (steenbokboegoe); dense shrub, to over 1 m, flowers in terminal clusters, white; 6-11; lower slopes, Nieuwoudtville, Gifberg to Darling.

blaerioides Cham. - shrublet to 400 mm, flowers in small axillary and terminal clusters, white; 4-1; upper slopes, Mossel Bay to Uniondale.

bodkinii Dummer - slender low shrublet, flowers in dense terminal clusters, small, pink; 9-1; marshes at high alt., Cedarberg.

capensis (L.) Dummer - (boegoe); variable shrublet, 300-900 mm, flowers in terminal clusters, white, lilac or purple ; 1-12; slopes and flats on shale or sand, Nieuwoudtville to Port Elizabeth (E Cape).

capitata Sonder - dwarf shrublet, flowers in dense heads, white; 9-11; mountain summits, Piketberg.

cedrimontana Dummer - robust shrub, to 500 mm, flowers in dense terminal clusters, white; 9-12; Cedarberg.

cerefolium (Vent.) Bartling & Wendl. - (anysboegoe, strandboegoe); aniseed scented shrublet, 300-600 mm, flowers in terminal clusters, white, pink or mauve; 8-1; coastal limestone flats and hills, Bredasdorp to Uniondale.

ciliaris (L.) Druce - (bergboegoe); dense aromatic shrublet, to 450 mm, flowers in terminal clusters, white or mauve; 5-12; coastal flats to lower sandstone slopes, Peninsula to Caledon.

ciliata (L.) Link - (steenbokboegoe); slender aromatic shrub, to 600 mm, flowers in terminal clusters, white to lilac; 4-9; shaded middle slopes, Paarl, Peninsula.

collina Ecklon & Zeyher - dense aromatic shrub, to 1,5 m, flowers in congested heads, yellow-green; 10-4; stabilised dunes, Caledon to Swellendam.

concava Pill. - rigid aromatic shrub, to 500 mm, flowers in dense terminal clusters, mauve; 12-1; upper slopes, Worcester.

conferta Pill. - peppermint-scented shrub, to 1,5 m, flower heads white or mauve; 12; rocks at high alt., Cedarberg.

cordifolia Pill. - tangled shrub with small reflexed leaves, to 1 m, flower-heads congested, small, mauve; 9-10; streambanks, Schurweberg, Ceres.

corymbosa (Montin) G. Don - shrublet to 300 mm, flowers in terminal clusters, mauve; 5-10; sandy flats, Hopefield to Peninsula.

craspedota E. Meyer ex Sonder - low shrub or shrublet, flowers in terminal clusters, white; 9-12; rocky upper slopes, Nieuwoudtville, Cedarberg, Tulbagh.

crassifolia Sonder - much-branched low shrublet, flowers in terminal clusters, white; 5-11; rocky upper slopes, Cedarberg, Worcester, Witteberg, Ladismith.

crenulata (L.) Pill. - (buchu, anysboegoe); aromatic shrub, to 2 m, flowers axillary, relatively large, white or mauve; 6-11; damp lower slopes, Ceres, Tulbagh, Paarl to Swellendam.

decurrens Pill. - spreading shrublet, to 250 mm, flowers solitary, white; 10; upper mountain slopes, Worcester, rare.

dentata Pill. - wiry shrublet, to 300 mm, flowers in terminal heads, white; 8; Cedarberg.

dielsiana Schltr. ex Dummer - dense shrublet, to 250 mm, flowers in terminal clusters, white or mauve; 4-10; dunes or limestone hills, Bredasdorp to George.

distans Pill. - shrub with fairly large leaves, to 1 m, flowers solitary, white and purple; 9; Cedarberg, rare.

divaricata Pill. - low shrublet, flowers solitary or paired, white; 9-11; shale band on upper slopes, Cedarberg.
dregeana Sonder - slender shrub, to 600 mm, flower-heads white; 9-11; Gifberg Mts.
elata Sonder - slender shrub, flowers in terminal clusters, white; 9-11; middle slopes, Gifberg.
elegans Cham. & Schldl. - shrub to 1 m, flowers in terminal clusters, white; 1-12; damp mountain slopes, Riversdale, George to Uniondale.
eriantha Steudel - rigid low shrub, flowers in dense heads, white; 9-11; limestone hills, Bredasdorp, Swellendam.
esterhuyseniae Pill. - wiry shrub, to 1 m, flowers in dense woolly heads, white and mauve; 12; high peaks, Cedarberg.
florida Sonder - slender shrublet, to 300 mm, flowers in terminal clusters, white; 9; hills, Swellendam.
foetidissima (Bartling & Wendl.) Steudel - (bokboegoe); much-branched pungent-scented shrublet, to 600 mm, flowers in terminal clusters, white; 4-10; lower shale slopes, Bredasdorp to Riversdale.
foleyana Dummer - dwarf shrub, flower-heads magenta; 1; summits, Roodeberg in Little Karoo.
geniculata Pill. - rigid shrublet, to 600 mm, flowers in dense terminal clusters, white; 7-12; coastal limestone, Caledon, Bredasdorp.
giftbergensis E. Phillips - rounded shrublet, to 300 mm, flowers in terminal clusters, white; 7-9; middle slopes, Gifberg, Clanwilliam.
glabrata Bartling & Wendl. - dense shrublet, to 400 mm, flowers in terminal clusters, mauve, occ. pink or white; 7-12; sandy flats, Malmesbury, Peninsula.
glandulosa (Thunb.) Sonder - robust shrub, to 1 m, flowers in dense terminal clusters, white; 9-10; low granitic hills, Malmesbury.
gnidiiflora Dummer - much-branched low shrublet, to 300 mm, flowers in dense terminal clusters, white; 11; clay flats, Riversdale.
gonaquensis Ecklon & Zeyher - (hottentotsboegoe); densely leafy shrub, to over 1 m, flowers in dense heads, white; 1-12; grassveld, Uitenhage, Port Elizabeth.
hirsuta Pill. - slender shrublet, to 500 mm, flowers lilac, solitary in axils; 11-1; upper slopes, Somerset Sneeukop.
hirta (Lam.) Bartling & Wendl. - (boegoe); densely leafy shrublet, to 600 mm, flower-heads white; 1-12; lower slopes, Humansdorp to Port Elizabeth.
hispida (Thunb.) Bartling & Wendl. - low shrub, to 750 mm, flowers in short terminal clusters, white; 6-10; lower granitic slopes, Piketberg to Paarl.
hookeri Sonder - low shrub, to 300 mm, flower-heads dense, white; 8-11; flats or lower slopes, Peninsula, Caledon.
humilis Sonder - shrublet to 200 mm, flowers in short terminal clusters, white or pale pink; 10-12; middle slopes, Clanwilliam.
imbricata (L.) Willd. - (wildeboegoe); shrub with close-set leaves, to 1 m, flower-heads white or lilac; 8-12; Tulbagh, Malmesbury, Peninsula to Mossel Bay.
insignis (Compton) Pill. - shrub with relatively large leaves, to 1,4 m, flowers large, white with pink dots; 9-11; streambanks, Ceres.
involucrata Ecklon & Zeyher - shrub, 300-900 mm, flower-heads white or pink; 9-11; sandy lower slopes, Clanwilliam.
joubertiana Schldl. - shrublet to 200 mm, flowers in short terminal clusters, mauve-pink; 8-10; lower slopes, Bredasdorp.
juniperifolia Bartling - tall shrub, to 2,4 m, flowers in terminal clusters, pink or white; 6-12; middle slopes, Clanwilliam, Paarl, Stellenbosch.
kougaense Pill. - slender shrublet, to 200 mm, flowers white, paired in axils; 7-11; high peaks, Uniondale.
krakadouwensis Dummer - slender shrub, to 700 mm, flower-heads white; 10-12; midddle slopes near water, Cedarberg.

lanceolata (L.) Engl. - (= **A. perdita** Hutch.) (heuningboegoe); spreading shrublet, to 500 mm, flowers in terminal heads, lilac; 4-10; south-facing slopes, Cape Peninsula.

lancifolia Ecklon & Zeyher - low shrub, flower-heads pink?; 9-10; lower slopes, Clanwilliam, Tulbagh.

latipetala Sonder - low rounded shrub, to 250 mm, flowers in terminal clusters, white; 8-10; lower slopes, Piketberg, Malmesbury, Paarl.

leptospermoides Sonder - low dense shrub, to 500 mm, flowers in axillary clusters, white; mainly 2-8; upper slopes, Genadendal.

linifolia (Roemer & Schultes) Bartling & Wendl. - slender shrub, to 500 mm, flowers in terminal clusters, white; 7-2; lower slopes, Swellendam.

longicornu Pill. - low shrub, flowers in terminal clusters, white; 9; upper slopes, Cedarberg.

marifolia Ecklon & Zeyher - citronella-scented low shrub with leaves often reflexed, to 600 mm, flowers in terminal clusters, white; 6-11; lower slopes, Clanwilliam, Piketberg.

marlothii Dummer - sprawling shrublet, to 200 mm, flowers in sparse or dense terminal clusters, mauve-purple; 9-1; rock crevices at mid to high alt., Nieuwoudtville, Clanwilliam, Tulbagh, Worcester, Montagu.

martiana Sonder - shrub to 600 mm, flowers in terminal clusters, white; 7-9; lower slopes, Humansdorp.

microcalyx Dummer - low shrublet, flowers in terminal clusters, white; 8-9; middle slopes and plateaus, Nieuwoudtville, Clanwilliam.

microcarpa (Sonder) Pill. - slender shrublet, to 300 mm, flowers white to pink, axillary; 6-1; lower shale slopes, Riversdale, Mossel Bay.

minuta Schldl. - dense rounded shrublet, to 150 mm, flowers in terminal clusters, small, white; 6-9; coastal flats, Bredasdorp, Swellendam, rare.

mirabilis Pill. - much-branched shrub, to 400 mm, flowers sessile, solitary, white; 9-3; rock crevices and shale band at high alt., Ceres, Worcester.

mucronulata Sonder - shrub to 1 m, flowers in terminal clusters, white with purple spots; 9-10; dry lower slopes, Uniondale.

muirii E. Phillips - shrub to 1 m, flowers in short terminal clusters, white; 4-7; coastal hills, Riversdale.

mundii Cham. & Schldl. - pungent-scented shrub, to 600 mm, flowers in terminal or axillary clusters, white; 6-11; mid to upper slopes, Witteberg, Swartberg and Outeniqua Mts, Uniondale, Humansdorp.

odoratissima (Montin) Pill. - (breëblaarboegoe); dense rounded shrub, to 700 mm, flowers white, mauve or purple, 1-2 in upper axils; 8-3; rocky upper slopes, Cedarberg, Worcester, Tulbagh to Caledon.

orbicularis (Thunb.) Bartling & Wendl. - shrublet with wiry stems and minute leaves, flowers in small terminal clusters, lilac; 7-11; middle slopes, Caledon.

ovata (Thunb.) Pill. - (false buchu, basterboegoe); variable shrub, 0,3-3 m, flowers white or mauve, axillary; 1-2; Witteberg, Swartberg Mts., Caledon to Port Elizabeth (E Cape to Natal).

pallens Pill. - slender shrublet, flowers in terminal clusters, white; 11-2; sandy flats, Riversdale.

pattisoniae Dummer - dwarf shrublet, flowers in terminal clusters, white; 8-12; upper slopes, Cedarberg, rare.

pentachotoma E. Meyer ex Sonder - peppermint-scented shrub, to 600 mm, flowers in dense heads, purple; 11-3; high alt., Ceres, Paarl, Worcester.

phillipsii Dummer - cushion-forming shrublet, flowers in small terminal clusters, pale pink; 11-1; rock crevices at high alt., Matroosberg, Roodeberg.

pilifera Schldl. - shrub to 450 mm, flowers in terminal clusters, white with purple spots; 9-10; upper slopes, Humansdorp to Port Elizabeth.

planifolia Sonder - slender shrub, to 1 m, flowers in terminal clusters, white, occ. pink; 1; upper slopes, Knysna.

propinqua Sonder - low shrublet, to 300 mm, flowers in terminal clusters, white and purple; 7-10; sandy flats or hills, Paarl to Caledon.
puberula (Steudel) Fourc. - much-branched shrub, to 1,5 m, flowers in terminal clusters, white, spotted; 3-10; middle slopes, Humansdorp, Uitenhage (E Cape).
pubigera Sonder - low much-branched shrub, flowers in short terminal clusters, white; 8-9; lower slopes, Clanwilliam.
pulchella (L.) Link - (muishondboegoe); shrub to 1 m, flowers mauve, axillary; 11; upper slopes, Peninsula, Paarl?.
pungens (E. Meyer ex Sonder) Pill. - much-branched shrub with distinctive pungent leaves, 150-600 mm, flowers pink or purple, axillary; 5-11; mountain slopes, Swartberg Mts. to Uniondale.
purpurea Pill. - shrub to 600 mm, flowers in few-flowered terminal clusters, mauve; 12-1; rocky upper slopes, Swartberg Mts.
recurvifolia Sonder - (kanferboegoe); spreading shrub, to 1 m, flowers in small terminal clusters, white; 5-11; mid to upper slopes, Mossel Bay to Uniondale.
riversdalensis Dummer - shrub, 200-600 mm, flowers in terminal clusters, white; 10-4; sandy limestone flats, Bredasdorp to Riversdale.
robusta Ecklon & Zeyher - dwarf shrub, flowers in short terminal clusters; 10; lower slopes, Swellendam.
roodebergensis Compton - shrub to 1 m, flowers in axillary clusters, white; 5-11; mid to upper slopes, Roodeberg, Outeniqua Mts.
rosmarinifolia (Bartling) I.J. Williams - strongly aromatic shrub, 200-500 mm, flowers in dense heads, white; 8-2; rocky mountain slopes, Caledon.
rubricaulis Dummer - shrub to 1 m, flowers in terminal clusters, mauve; 6-9; shale band on upper slopes, Cedarberg.
rudolphii I.J. Williams - shrub to 1 m, flowers solitary, purple; 11-2; upper slopes, Paarl Mts.
sabulosa Sonder - shrub to 1 m, flowers in terminal clusters, white?; 9-10; sandy flats, Clanwilliam.
salina Ecklon & Zeyher ex Pill. - stiff dense, bristly shrublet, to 400 mm, flowers in dense terminal clusters, bright pink; 8; lower slopes, Cedarberg.
scaberula Dummer - stout rounded shrub, to 400 mm, flowers in dense terminal clusters, white; 11-12; sandy flats, Riversdale.
sedifolia Schldl. - (bosluisboegoe); smooth shrublet, to 800 mm, flowers in lax terminal clusters, pink; 3-10; damp limestone flats, Bredasdorp.
serpyllacea Licht. ex Roemer & Schultes - variable low shrub, flowers in dense terminal clusters, white, pink or mauve; 1-12; coastal or inland sand or limestone flats or slopes, Clanwilliam to Mossel Bay.
serratifolia (Curtis) Spreeth - shrub with relatively large leaves, to 2 m, flowers white or pink, axillary; 7-9; mountain slopes, Caledon to Riversdale.
sladeniana Glover - stiff, dense, bristly low shrub, flowers in dense heads, mauve; 9-10; upper slopes, Cedarberg.
spinescens Dummer - stiff shrub with branches spiny with age, to 1 m, flowers in terminal clusters, white; 8-10; middle slopes, Nieuwoudtville to Clanwilliam.
spinosa Sonder - low shrub with spine-tipped leaves, flowers in terminal clusters, white; 9-11; lower slopes, Uniondale.
squamosa Bartling & Wendl. - low dense shrub with scale-like leaves, flowers in inconspicuous heads, white; 4-10; mountain slopes, Cedarberg to Worcester.
stenopetala (Steudel) Steudel - dense shrub, flowers in dense terminal clusters, white; 6-11; coastal limestone hills, Humansdorp to Port Elizabeth.
stenosepala Pill. - shrub with wiry branches, to 600 mm, flowers terminal, solitary or in pairs, white; 8-10; middle slopes, Paarl.
stilbeoides Dummer - dense licorice-scented shrub, to 1 m, flower-heads dense, white to mauve; 10-3; rocky upper slopes, Cedarberg.

stipitata Pill. - much-branched shrub, to 700 mm, flowers white, axillary; 8-11; plateaus at middle alt., Riviersonderend Mts. at MacGregor.
stokoei Pill. - shrub with slender branches, to 350 mm, flowers in dense terminal clusters, mauve?; 11; upper slopes, Kogelberg, Hottentots Holland Mts.
subteretifolia Pill. - much-branched shrub, to 400 mm, flowers in few-flowered clusters, relatively large, white to pink; 9-10; upper slopes, Montagu.
tabularis Sonder - (stinkboegoe); slender lemon-scented shrub, to 600 mm, flowers white, axillary; 9-11; protected mountain slopes, Peninsula, Caledon, Paarl, Worcester.
thymifolia Schldl. - much-branched shrub, to 1 m, flowers in terminal clusters, mauve; 8-10; coastal sand on limestone, Saldanha Bay, Malmesbury.
trichocarpa Holmes - low shrub, flowers in terminal clusters, white; 6-9; mountain plateaus, Clanwilliam, Piketberg, Tulbagh.
tulbaghensis Dummer - shrub to 1 m, flowers in terminal clusters, small, white; 11-1; high summits, Tulbagh.
umbonata Pill. - pubescent shrub, to 600 mm, flowers pink or white, solitary in axils; 9; high alt., Langeberg Mts. at Swellendam.
unicarpellata (Fourc.) Pill. - shrublet to 450 mm, flowers white, axillary; 4-8; lower slopes, Humansdorp.
venusta (Ecklon & Zeyher) Pill. - (goeieboegoe); shrub with warted branches, to 1 m, flowers in terminal clusters, mauve; 7-2; lower slopes, Uniondale, Uitenhage (Karoo, E Cape).
virgata (Lam.) Bartling & Wendl. - (skaapboegoe); lax shrub, to 1 m, flowers in terminal clusters, white or mauve, in terminal clusters; 4-12; mid to upper slopes, Clanwilliam to Worcester, Tulbagh to Swellendam.
zwartbergense Pill. - lemon-scented dwarf shrub, to 200 mm, flowers pink, 2-4 in terminal clusters; 2; upper slopes, Swartberg and Kammanassie Mts.

CALODENDRUM 1 sp - S Cape to east tropical Africa

capense (L.f.) Thunb. - (Cape chestnut, wildekastaiing); tree to 20 m, flowers in large clusters, pink; 9-12; coastal forest, George to Port Elizabeth (E Cape to tropical Africa).

CLAUSENA ca 50 sp - Africa to Malaya

anisata (Willd.) Hook. f. ex Benth. - (horsewood, perdepis); shrub or small tree, to 5 m, flowers yellow or white; 11; forest, Riversdale to Port Elizabeth (E Cape to tropical Africa).

COLEONEMA 8 sp - S W to E Cape

album (Thunb.) Bartling & Wendl. - (Cape may, aasbossie, klipbuchu); much-branched shrub, to 2 m, flowers white; 5-11; lower to middle slopes, Saldanha Bay, Peninsula to Bredasdorp.
aspalathoides Adr. Juss. ex Don - ericoid shrub, to over 1 m, flowers bright pink; 4-10; lower to middle slopes, Bredasdorp to Humansdorp (E Cape).
calycinum (Steudel) I.J. Williams - shrub to over 2 m, flowers white; 8-9; mountain slopes, Worcester, Caledon to Riversdale.
juniperinum Sonder - much-branched or lax shrublet, 300-500 mm, flowers tiny, white or pinkish; 5-11; mountain slopes, Gifberg to Worcester, Tulbagh to Peninsula, Caledon.
nubigenum Esterhuysen - much-branched rounded shrub, to 1 m, flowers white; 9-2; rocky upper slopes, Paarl, Caledon.
pulchellum I.J. Williams - (confetti bush); erect shrub, to 800 mm, flowers pink, occ. white; 7-12; coastal flats, Knysna to Port Elizabeth (E Cape).

pulchrum Hook. - shrub to over 1 m, flowers pink; 8-11; mountain slopes, Swellendam.
virgatum (Schldl.) Ecklon & Zeyher - shrub to over 1 m, flowers pink or white; 6-9; upper slopes, Swellendam, Riversdale.

DIOSMA 28 sp - S W and S Cape to Namaqualand

acmaeophylla Ecklon & Zeyher - shrub to 2,5 m, flowers cream; 7-1; dry mountain slopes, Lokenburg, Cedarberg, Witteberg (W Karoo, Namaqualand).
apetala (Dummer) I.J. Williams - (lemoenboegoe); spreading shrub, 200-400 mm, flowers white; 11-4; dry upper slopes, Swartberg, Rooiberg and Kouga Mts.
arenicola I.J. Williams - shrub to 1,5 m, flowers white; 5-12; limestone flats, Bredasdorp.
aristata I.J. Williams. - erect shrub, to 700 mm, flowers white; 2-6; Mossel Bay.
aspalathoides Lam. - (haasboegoe); shrubs to 1,3 m, flowers white; 7-9; sandy coastal flats, Langebaan to Milnerton.
awilana I.J. Williams - shrub to 1,2 m, flowers white; 12-6; coastal limestone, Bredasdorp.
demissa I.J. Williams - spreading shrub, to 250 mm, flowers white; 12-6; sandy coastal limestone, Peninsula, Caledon, Bredasdorp.
dichotoma Bergius - (boegoe); rounded shrub, to 600 mm, flowers white; 12-1; sandy flats, Langebaan to Cape Flats.
echinulata I.J. Williams - rigid shrub, to 400 mm, flowers white or cream; 1-10; limestone hills, Bredasdorp to Riversdale.
fallax I.J. Williams - twiggy shrub, to 300 mm, flowers white?; 9; lower slopes, Swellendam.
guthriei Glover - spreading shrub, to 400 mm, flowers white; 7-8; coastal limestone, Bredasdorp.
haelkraalensis I.J. Williams - low spreading shrub, to 300 mm, flowers white; 4-5; crevices in limestone hills, Bredasdorp.
hirsuta L. - (rooiboegoe, hottentotsboegoe, wildeboegoe); shrub to 600 mm, flowers white; 2-9; common on sandy slops and flats, Nieuwoudtville to Ladismith and Humansdorp.
meyeriana Sprengel - slender shrub, to 1 m, flowers white; 8-10; sandy mountain slopes, Cedarberg.
oppositifolia L. - (= **D. succulenta** Bergius) (karoo buchu, bitterboegoe); shrub with tiny appressed leaves, 0,15-1 m, flowers white; 2-9; lower slopes, Malmesbury, Peninsula to Bredasdorp.
parvula I.J. Williams - lax shrub, 0,4-1,4 m, flowers white; 4-8; seeps on sandy flats, Bredasdorp.
passerinoides Steudel - densely leafy shrub, to 400 mm, flowers white; 6-10; coastal flats, Caledon to Riversdale.
pedicellata I.J. Williams - rigid shrub, to 1 m, flowers white or cream; 7-11; sandy flats, Nieuwoudtville, Clanwilliam to Stellenbosch.
pilosa I.J. Williams - slender diffuse shrub, 300-600 mm, flowers white; 2-6; lower to middle slopes, Caledon.
prama I.J. Williams - shrub to 1,5 m, flowers cream, white or yellow; 1-12; dry mountain slopes, Ladismith to Humansdorp.
ramosissima Bartling & Wendl. - much-branched shrub, to 1,5 m, flowers white or greenish; 8-11; mountain slopes, Lokenburg to Ceres, Tulbagh, Worcester (Namaqualand).
recurva Cham. - shrub to 1 m, flowers white; 5-6; dry mountain slopes, Little Karoo.
rourkei I.J. Williams - spindly shrub, to 2 m, flowers white or cream; 4-11; mid to upper slopes, Uniondale, Humansdorp.

sabulosa I.J. Williams - shrub to 1 m, flowers white or yellow; 3-12; coastal limestone flats and lower slopes, Bredasdorp, Riversdale.
strumosa I.J. Williams - shrub to 1,2 m, flowers white; 6-7; shaley lower slopes, Barrydale.
subulata Wendl. - shrub to 1,8 m, flowers white; 3-8; coastal sand, Caledon, Bredasdorp.
tenella I.J. Williams - spreading shrub, 300-400 mm, flowers white flushed with pink; 1-6; coastal hills, Bredasdorp to Riversdale.
thyrsophora Ecklon & Zeyher - shrub to 3 m, flowers white; 2-5; mountain slopes, Caledon.

EMPLEURUM 2 sp - S W and S Cape

fragrans Glover - rounded shrub, to over 1 m, flowers perfect or unisexual, small; 9-10; streamsides at high alt., Langeberg Mts. at Swellendam.
unicapsulare (L.f.) Skeels - (bergboegoe, wildeboegoe); willow-like shrub or small tree, to 4 m, flowers perfect or unisexual, small; 7-12; streamsides and damp slopes at mid to upper alt., Clanwilliam, Tulbagh, Worcester and Caledon to Uitenhage.

EUCHAETIS 23 sp - S W and S Cape

albertiniana I.J. Williams - shrublet to 500 mm, flowers white or pinkish; 11-7; lower slopes, Riversdale.
avisylvana I.J. Williams - spreading shrub, to 1 m, flowers white; 3-9; lower to middle slopes, Langeberg Mts. at Swellendam.
burchellii Dummer - shrub with persistent rootstock, to 1 m, flowers white or pink; 1-12; coastal sand or limestone hills, Bredasdorp to George.
cristagalli I.J. Williams - spreading shrublet, to 500 mm, flowers white; 12-5; mid to upper slopes, Uitenhage.
diosmoides (Schltr.) I.J. Williams - sprawling shrublet, to 600 mm, flowers cream; 7-1; heavy soil on lower coastal slopes, Caledon, Bredasdorp.
elata Ecklon & Zeyher - slender shrub, to 1 m, flowers white; 4; mountain slopes and summits, Worcester, Caledon.
elsieae I.J. Williams - much-branched shrub, 0,6-1 m, flowers white; 1-12; rocky upper slopes, Cedarberg, Ceres, Worcester.
ericoides Dummer - shrublet to 700 mm, flowers white; 3-9; stony mid to upper slopes, Clanwilliam, Ceres.
esterhuyseniae I.J. Williams - rounded shrub, to 600 mm; 12-5; rock crevices on upper slopes, Cedarberg, Ceres.
flexilis Ecklon & Zeyher - slender shrublet, to 400 mm, flowers white; 2-6; mid to upper slopes or rock crevices, Worcester, Caledon.
glabra I.J. Williams - shrub to 800 mm; 3-8?; marshy upper slopes and plateaus, Caledon.
glomerata Bartling & Wendl. - shrublet to 500 mm, flowers white; 1-12; rocky mid to upper slopes, Clanwilliam, Ceres, Worcester.
intonsa I.J. Williams - low shrub, to 400 mm, flowers pinkish; 3-10?; limestone hills, Bredasdorp.
laevigata Turcz. - shrub to 800 mm, flowers pinkish; 6-11; limestone hills, Bredasdorp.
linearis Sonder - slender shrublet, to 400 mm, flowers white; 2-7; rocky mid to upper slopes, Worcester, Tulbagh, Caledon.
longibracteata Schltr. - shrub or shrublet with conspicuous pale bracts, to 800 mm, flowers white; 12-4; limestone hills, Bredasdorp, Swellendam.

longicornis I.J. Williams - shrub to 1 m, flowers white; mainly 5-6; low coastal slopes, Riversdale.
meridionalis I.J. Williams - compact shrub, to 1,5 m, flowers pinkish; 4-12; coastal limestone, Bredasdorp.
pungens (Bartling & Wendl.) I.J. Williams - rigid shrub, to 700 mm, flowers white; 3-11; sandy lower slopes, Paarl, Worcester.
scabricosta I.J. Williams - slender shrublet, to 300 mm, flowers white; 7-11; sandy coastal flats and limestone hills, Caledon, Bredasdorp.
schlechteri Schinz - sprawling shrublet, to 400 mm, flowers white; 5-8; lower clay slopes, Caledon, Bredasdorp.
tricarpellata I.J. Williams - sprawling shrublet, to 400 mm, flowers white; 8-11; rocky middle slopes, Piketberg.
vallis-simiae I.J. Williams - shrub to over 1 m, flowers white; 8-10; arid upper slopes, Humansdorp, Baviaanskloof Mts.

MACROSTYLIS 10 sp - S W and S Cape

barbigera (L.f.) Bartling & Wendl. - ericoid shrublet with ovate opposite leaves, to 300 mm, flowers cream; 7-1; dry middle slopes, Clanwilliam, Ceres, Piketberg.
cassiopoides (Turcz.) I.J. Williams - shrub to over 1 m, flowers cream; 11-1; flats and lower slopes, Clanwilliam to Malmesbury.
cauliflora I.J. Williams - much-branched shrublet, 150-300 mm, flowers cream; 2-7; lower slopes, Caledon, Bredasdorp.
crassifolia Sonder - much-branched shrub, to 1 m, flowers cream; 6-12; coastal flats or lower slopes, Clanwilliam to Hopefield.
decipiens E. Meyer ex Sonder - many-stemmed shrublet, 150-300 mm, flowers cream; 1-9; mountain slopes, Gifberg, Clanwilliam, Ceres, Piketberg.
hirta E. Meyer ex Sonder - much-branched often-grazed shrub, to 900 mm, flowers cream; 8; lower slopes, Clanwilliam.
ramulosa I.J. Williams - sprawling shrublet, 150-300 mm, flowers cream; 12-7; middle slopes, Clanwilliam.
squarrosa Bartling & Wendl. - densely branched shrublet, to 600 mm, flowers cream; 8-2; mid to upper slopes, Nieuwoudtville to Cedarberg.
tenuis E. Meyer ex Sonder - much-branched rounded shrub, 150-900 mm, flowers cream; 9-3; mid to upper slopes, Gifberg, Cedarberg to Worcester.
villosa (Thunb.) Sonder - shrublet to 500 mm, flowers cream; 11-7; flats and lower slopes, Malmesbury to Peninsula.

PHYLLOSMA 2 sp - S W Cape Mts.

barosmoides (Dummer) I.J. Williams - low woody shrub, to 300 mm, flowers pink; 10-2; rock crevices at high alt., Worcester.
capensis Bolus - erect or sprawling shrublet, 300-500 mm, flowers pale pink; 9-10; rock crevices on mid to upper slopes, Clanwilliam, Ceres.

SHEILANTHERA 1 sp - S W Cape Mts.

pubens I.J. Williams - much-branched rounded shrub, to 400 mm, flowers white; mainly 9-10; rock crevices at high alt., Ceres.

VEPRIS ca 15 - Africa to Mascarene Is.

lanceolata Adr. Juss. - (= **V. undulata** (Thunb.) I. Verd. & C.A. Smith) (witysterhout); small tree, to 5 m, flowers small, cream; 12-3; evergreen forest, Swellendam to Port Elizabeth (to tropical Africa, Mascerene Is.).

ZANTHOXYLUM ca 250 sp - Africa, E Indies, America
(= Fagara)

capense (Thunb.) Harvey - (small knobwood, kleinperdepram); large shrub or small tree, to 7 m, flowers white; 10-12; coastal forest, George to Port Elizabeth (E Cape to tropical Africa).
davyi (I. Verd.) Waterman - (knobwood, perdepram); small or large tree, 8-30 m, flowers white; 10?; forest, Knysna, Uitenhage (E Cape to tropical Africa).

SALICACEAE

SALIX ca 550 sp - mainly N Hemisphere

***babylonica** L.f. - (weeping willow, wilgeboom); large tree; widespread around dams or along riverbanks (Europe, Asia).
hirsuta Thunb. - silvery-leafed tree, to 4 m; 9-10; streambanks, Cedarberg, Peninsula.
mucronata Thunb. - (= S. capensis Thunb.) (Cape willow, Kaapse wilger); tree with pale green leaves, to 12 m; 9-10; streambanks, widespread in S W Cape (southern Africa).

SALVADORACEAE

AZIMA ca 4 sp - Africa, Asia, Madagascar

tetracantha Lam. - (needle bush, speldedoring); scrambler or small tree with four straight spines at most nodes, flowers whitish; 10-2; coastal bush, Cape Infanta, Mossel Bay to Port Elizabeth (E Cape to tropical Africa, Namibia).

SANTALACEAE

COLPOON 1-2 sp - S W Cape to Transvaal

compressum Bergius - (Cape sumach, pruimbas); dense grey-leafed shrub or small tree, 3-5 m, fruit red, edible; 8-11; flowers whitish; 12-6; coastal or inland slopes, widespread, Cedarberg to Port Elizabeth (to Transvaal).

RHOIACARPOS 1 sp - S W Cape to Natal

capensis (Harvey) A. DC. - (pruimbas, wildegranaat); straggling shrub, to 600 mm, fruit red, edible; 6-12; flowers yellowish; 3-7; coastal bush, Mossel Bay to Port Elizabeth (E Cape to Natal).

THESIDIUM ca 8 sp - S W to E Cape

fragile (Thunb.) Sonder - erect nearly leafless shrublet, 300-450 mm, flowers minute, white; 1-12; sand dunes, Peninsula to Riversdale.
fruticulosum A.W. Hill - erect shrublet, to 400 mm, flowers minute, white; 1-12; coastal flats and slopes, Peninsula, Caledon.
hirtum Sonder - slender minutely pubescent shrublet, to 200 mm, flowers minute, white; 1-12?; lower slopes, Peninsula to Bredasdorp.
leptostachyum (A. DC.) Sonder - shrublet to 200 mm, flowers minute, white; 6; streamsides, Knysna.

microcarpum (A. DC.) A. DC. - (= **T. exocarpaeoides** Sonder); shrublet to 400 mm, flowers minute, white; 1-12?; mid to upper slopes, Montagu, Swellendam to Port Elizabeth (E Cape).
minus A.W. Hill - annual or perennial, branched from base, 100-200 mm, flowers minute, white; ?; lower to middle slopes, Caledon to Riversdale.
podocarpum (A. DC.) A. DC. - nearly prostrate shrublet, to 400 mm, flowers minute, white; 1-12?; sand dunes, Saldanha to Peninsula, Knysna to Port Elizabeth.

THESIUM over 300 sp - Old World

acuminatum A.W. Hill - shrublet much-branched from base, flowers minute, white; 1-12; flats and lower slopes, Cape Peninsula.
acutissimum A. DC. - slender branched shrublet, flowers minute, white; 9-1; marshy streambanks, Uitenhage (E Cape to Natal).
aggregatum A.W. Hill - erect nearly leafless shrub, 200-500 mm, flowers whitish, in oblong heads; 8-1; flats to middle slopes, Nieuwoudtville, Clanwilliam, Hopefield, Peninsula to Bredasdorp, Humansdorp (S Namaqualand).
albo-montanum Compton - robust leafless shrub, flowers minute, white; 10-1; rocky upper slopes, Ceres, Worcester, Witteberg.
annulatum A.W. Hill - low shrublet, to 100 mm, flowers minute, white; ?; upper slopes, Worcester.
asperifolium A.W. Hill - low leafy shrublet, to 250 mm, flowers whitish; ?; lower slopes, George (E Cape).
bathyschistum Schltr. - erect shrub branched above, to 300 mm, flowers in oblong heads; 11-4; mountain slopes, Caledon.
brachygyne Schltr. - slender branched shrublet, to 150 mm; 11; upper slopes, Paarl.
capitatum L. - leafy shrublet, to 300 mm, flowers minute, whitish; 1-12; mountain slopes, Malmesbury, Peninsula to Caledon, Humansdorp (Lesotho).
capitellatum A. DC. - leafy shrublet, to 300 mm, flowers whitish; 9; mountain slopes, Paarl, Caledon, Bredasdorp.
capituliflorum Sonder - much-branched low shrub, to 150 mm, flowers whitish; 8-1; flats and lower slopes, Tulbagh to Peninsula, Caledon.
carinatum A. DC. - leafy shrublet, to 450 mm, flowers whitish; 1-12; mountain slopes, Clanwilliam to Peninsula, Caledon.
commutatum Sonder - much-branched nearly leafless shrub, to 300 mm, flowers whitish; 11-3; flats and slopes, Ceres, Peninsula to Bredasdorp, Uitenhage.
cuspidatum A.W. Hill - low shrublet, to 200 mm, flowers whitish; 11-1; lower slopes, Caledon, Bredasdorp.
densiflorum A. DC. - erect almost leafless shrublet, to 400 mm, flowers whitish; 10-3; mid to upper slopes, Clanwilliam?, Paarl, Peninsula to Bredasdorp.
dissitiflorum Schltr. - rigid twiggy low shrub, flowers whitish; 9-1; upper slopes, Ceres, Worcester (W Karoo).
diversifolium Sonder - woody shrublet with recurved leaves, flowers whitish; ?; lower slopes, Tulbagh.
ecklonianum Sonder - prostrate leafy shrublet, flowers whitish; 9-4; flats, Peninsula, Bredasdorp?.
ericifolium A. DC. - low much-branched shrublet, 50-200 mm, flowers whitish; 9-1; mid to upper slopes, Clanwilliam, Ceres, Tulbagh, Peninsula to Uitenhage.
euphorbioides L. - slender broad-leafed shrub, to 2 m, flowers cream, bracts yellow; 8-1; mountain slopes, Tulbagh, Worcester, Stellenbosch, Caledon to Uitenhage.
euphrasioides A. DC. - low shrublet, 100-200 mm, flowers whitish; 9-11; mountain slopes, Tulbagh to Peninsula, Caledon.

fallax Schltr. - robust shrublet, flowers whitish; 12; lower slopes, Bredasdorp.
fimbriatum A.W. Hill - shrublet to 300 mm, flowers whitish; ?; lower slopes, Tulbagh.
flexuosum A. DC. - straggling shrub, to 300 mm, flowers whitish; 5-9; dry lower slopes, Oudtshoorn, Humansdorp to Port Elizabeth (Karoo, E Cape).
foliosum A. DC. - leafy shrublet, 150-900 mm, flowers whitish; 5-8; mid to upper slopes, Knysna to Port Elizabeth (E Cape).
frisea L. - usually a creeping shrublet, flowers in terminal spikes, whitish; 8-10; marshy flats, widespread, Clanwilliam to Uitenhage.
funale L. - slender nearly leafless shrublet, 100-400 mm, flowers in terminal spikes, whitish; 1-12; dry to marshy lower slopes, Tulbagh, Worcester, Peninsula to Uniondale.
galioides A. DC. - sprawling shrublet with numerous short branchlets, to 300 mm, flowers whitish; 8-10; dry upper slopes, Stellenbosch to Mossel Bay, Roodeberg, Uniondale to Port Elizabeth (Karoo).
glaucescens A.W. Hill - shrub, 300-600 mm, flowers whitish; ?; lower slopes, Swellendam.
glomeratum A.W. Hill - slender shrublet, flowers whitish; 11; Uniondale.
glomeruliflorum Sonder - shrublet to 400 mm, flowers whitish; 5-6; mountain slopes, Swellendam, Uniondale, Humansdorp.
hispidulum Lam. ex Sonder - pubescent much-branched shrublet, 150-200 mm, flowers whitish; 8-10; mountain slopes, Cedarberg to Tulbagh, Piketberg, Malmesbury.
hollandii Compton - shrublet to 300 mm, flowers whitish; 8-10; lower slopes, Uniondale to Port Elizabeth.
junceum Bernh. - shrublet with slender whip-like stems, 300-600 mm, flowers whitish; 10-2; damp lower slopes, Montagu to Port Elizabeth (E Cape).
juncifolium A. DC. - slender nearly leafless shrublet, to 600 mm, flowers whitish; 10-1; middle slopes, Clanwilliam, Tulbagh, Worcester.
karooicum Compton - much-branched shrublet, flowers whitish; 7-9; upper slopes, Worcester, Witteberg.
leptocaule Sonder - nearly leafless shrublet, to 200 mm, flowers whitish; 7; Uitenhage, Port Elizabeth (E Cape).
lineatum L.f. - rigid nearly leafless shrub, to 2 m, flowers whitish; 8-2; karroid flats or slopes, Clanwilliam, Ladismith (Namaqualand, Karoo, Namibia).
litoreum Brenan - nearly leafles shrublet, to 300 mm, flowers whitish; 1; coastal flats, Melkbos.
macrostachyum A. DC. - erect nearly leafless shrub, flowers whitish; 9-12; lower slopes, Clanwilliam, Worcester, Caledon?.
microcephalum A.W. Hill - twiggy shrublet, flowers whitish; ?; high alt., Worcester.
micromeria A. DC. - slender shrublet, flowers whitish; ?; lower slopes, Paarl, Swellendam.
micropogon A. DC. - low shrublet, to 150 mm, flowers whitish; 8; lower slopes, Caledon.
nigromontanum Sonder - slender branched shrublet, to 250 mm, flowers whitish; 9-11; lower slopes, Caledon to Port Elizabeth.
nudicaule A.W. Hill - nearly leafless robust twiggy shrub, flowers whitish; ?; lower slopes, Clanwilliam to Malmesbury.
oresigenum Compton - densely leafy shrub, to 450 mm, flowers whitish; 2-10; rocky upper slopes, Cedarberg, Piketberg, Ceres, Worcester.
paniculatum L. - slender flexuose much-branched shrublet, 150-400 mm, flowers whitish; 10-3; upper slopes, Paarl to Peninsula.
paronychioides Sonder - slender low shrublet, to 120 mm, flowers whitish; 3; lower slopes, Swellendam, George.

patersonae A.W. Hill - low shrublet, to 250 mm, flowers whitish; ?; coastal slopes?, Port Elizabeth.
patulum A.W. Hill - nearly leafless branched shrublet, to 300 mm; 9-12; flats and lower slopes, Piketberg, Malmesbury, Stellenbosch.
penicillatum A.W. Hill - (= **T. helichrysoides** A.W. Hill); stout shrub, to 1 m, flowers whitish; 9-2; mountain slopes, Caledon, George to Humansdorp.
phyllostachyum Sonder - leafy shrublet, to 250 mm, flowers whitish; 8-10; sandy flats, Knysna to Port Elizabeth.
pinifolium A. DC. - tall leafy shrub, to 2 m, flowers whitish; 10-12; upper slopes, Worcester to Peninsula, Swellendam.
prostratum A.W. Hill - slender prostrate shrub, flowers whitish; 9-10; high alt., Cedarberg, Ceres.
pseudovirgatum Levyns - erect sparsely leafy shrublet, to 300 mm, flowers whitish; 7-2; lower slopes, Cape Peninsula.
pubescens A. DC. - sprawling branched low leafy shrub, flowers whitish; 8-11; lower slopes, Ceres, Clanwilliam to Peninsula, Witteberg?.
pycnanthum Schltr. - leafy diffuse shrublet, 150-300 mm, flowers white; 9-5; mid to upper slopes, Ceres, Tulbagh, Paarl, Worcester, Montagu?, Swellendam?.
quinqueflorum Sonder - dense brittle shrub, to 1 m, flowers whitish; 6-9; lower slopes, Caledon.
rariflorum Sonder - slender sparsely branched shrub, flowers whitish; 11-3; marshy places, Peninsula to Caledon, Tulbagh.
repandum A.W. Hill - spreading branched shrublet, to 150 mm, flowers whitish; 8-9; flats and lower slopes, Paarl, Malmesbury.
rufescens A.W. Hill - sprawling leafy shrublet, flowers whitish; 10-11; Bredasdorp, Riversdale.
scabrum L. - leafy shrub, to 1 m, flowers whitish; 6-1; lower slopes, Paarl, Peninsula to Bredasdorp.
scandens E. Meyer - flexuose slender scrambler, flowers whitish; 6-12; rocky riverbanks, Uitenhage (E Cape).
schumannianum Schltr. - sparsely leafy branched shrublet, flowers whitish; 8-2; lower slopes, Stellenbosch, Peninsula, Caledon, Montagu?.
selagineum A. DC. - slender much-branched shrublet, to 200 mm, flowers whitish; 9-11; middle slopes, Piketberg, Ceres, Worcester.
sonderianum Schltr. - leafy shrublet, flowers whitish; 8-9; lower slopes, George (E Cape).
spicatum L. - (lidjiestee); stiff sparsely leafy shrub, to 500 mm, flowers whitish; 7-12; lower to middle slopes, Peninsula to Bredasdorp.
spinosum L.f. - densely branched spiny shrub, to 1 m, flowers whitish; 8-1; coastal sand, Clanwilliam to Malmesbury.
spinulosum A. DC. - minutely spiny slender shrublet, to 150 mm, flowers whitish; 10-2; middle slopes, Clanwilliam, Paarl, Caledon (Namaqualand).
squarrosum L.f. - much-branched shrublet, woody below, to 200 mm, flowers whitish; 11-1; flats or lower slopes, Knysna to Port Elizabeth (E Cape).
strictum Bergius - (teringbos); sparsely leafy broom-like shrub, to 2 m, flowers whitish; 9-2; widespread on sandy middle slopes, Clanwilliam to Port Elizabeth (S Namaqualand, E Cape).
subnudum Sonder - broom-like shrub leafy below, to 600 mm, flowers whitish; 7-1; widespread on lower slopes, Clanwilliam to Port Elizabeth but not Peninsula.
susannae A.W. Hill - woody shrublet, flowers whitish; ?; Riversdale (poorly known).
translucens A.W. Hill - leafy shrublet, to 450 mm, flowers whitish; 4-7; middle slopes, Caledon.
triflorum Thunb. ex L.f. - (gifbossie); scrambling undershrub with red fruits, flowers whitish; 11-1; coastal bush, Humansdorp to Port Elizabeth (E Cape).

umbelliferum A.W. Hill - robust shrub, 1-2 m, flowers whitish; 1; upper slopes, Ladismith, George to Humansdorp.
urceolatum A.W. Hill - sprawling shrublet, flowers whitish; 1-5; dry coastal scrub, Clanwilliam (Namaqualand).
virgatum Lam. - much-branched almost leafless shrub, to 600 mm, flowers whitish; 8-2; flats and slopes, Clanwilliam to Port Elizabeth.
viridifolium Levyns - densely leafy shrublet, 200-500 mm; 7-12; flats, Peninsula, Caledon.

SAPINDACEAE

ALLOPHYLUS ca 190 sp - pantropical and subtropical

decipiens (Sonder) Radlk. - (bastertaaibos); dioecious shrub or small tree with red berries, flowers cream; 11-1; coastal forest or shady ravines, Ladismith, Knysna to Port Elizabeth (E Cape to E Transvaal).

ATALAYA ca 9 sp - Africa, Australia, Indochina

capensis R.A. Dyer - (Kaapse kransesseboom); tree with compound leaves, 3-7 m, fruits winged; flowers cream; 12-1; forest, Humansdorp to Port Elizabeth (E Cape).

DODONAEA ca 60 sp - widespread, mostly Australia

angustifolia L.f. - (= **D. viscosa** Jacq.) (Kaapse sandolien); viscid dioecious shrub or small tree, 2-5 m, fruit dry, 3-winged, flowers yellowish; 7-10; dry rocky slopes and flats, Gifberg to Peninsula, Ladismith, Worcester (nearly pantropical).

HIPPOBROMUS 1 sp - S Cape to Transvaal

pauciflorus (L.f.) Radlk. - (pisgoed, basterperdepis); aromatic shrub or small tree with compound leaves, 2-5 m, fruit dark purple, 10-4; flowers greenish-cream; 7-11; forest margins, Humansdorp to Port Elizabeth (E Cape to E Transvaal).

PAPPEA 1 sp - southern to E tropical Africa

capensis Ecklon & Zeyher - (jacket-plum, doppruim); small or medium sized tree, fruit a velvety capsule; 11-3; flowers yellowish; 10-12; Oudtshoorn to Port Elizabeth (widespread from southern to E tropical Africa).

SMELOPHYLLUM 1 sp - S Cape

capense (Sonder) Radlk. - (buig-my-nie); shrub or tree with brittle branches and compound leaves, fruit 2-lobed, fleshy; 12-1; flowers greenish; 12-1; coastal forest, George to Port Elizabeth.

SAPOTACEAE

SIDEROXYLON ca 100 sp - pantropical and subtropical

inerme L. - (witmelkhout); dense shrub or low tree with fleshy black fruits, flowers yellowish; 12-6; sand dunes or coastal bush, Peninsula to Port Elizabeth (E Cape to tropical Africa).

SCROPHULARIACEAE

AGATHELPIS 3 sp - S W Cape

angustifolia Choisy - (= **A. dubia** (L.) Hutch.) (katstert); soft shrub, 300-600 mm, flowers tiny, yellow or shades of brown; 5-12; flats and slopes, Gifberg to Peninsula, Worcester, Montagu, Caledon.
nitida E. Meyer - straggling shrub, to 1 m, flowers white; 7-12; mountain slopes, Piketberg, Stellenbosch, Peninsula.
parvifolia Choisy - erect shrublet, to 450 mm, flowers dull yellow; 9-1; high alt., Clanwilliam, Paarl, Piketberg, Witteberg.

ALECTRA ca 40 sp - Africa, Asia

lurida Harvey - (= **Melasma luridum** (Harvey) Hiern); semi-parasitic perennial, 200-300 mm, flowers cream or orange; 9-12; lower slopes, Cape Peninsula.
sessiliflora (Vahl) Kuntze - (yellow witchweed, verfblommetjie); semi-parasitic perennial, 60-250 mm, flowers yellow; 10-1, 4-6; damp flats and lower slopes, Clanwilliam to Port Elizabeth (widespread in Africa, Madagascar).

APTOSIMUM ca 20 sp - southern and tropical Africa

indivisum Burchell - (karoo violet); compact low shrublet, flowers violet-blue; 1-12 (depending on rains); arid flats or slopes, Little Karoo (Namaqualand, Karoo to Transvaal).
procumbens (Lehm.) Steudel - (= **A. depressum** (L.f.) Burchell) (karoo violet, brandblare); prostrate much-branched woody perennial, flowers violet-blue; 8-12; arid flats, Little Karoo, Mossel Bay to Uitenhage (dry parts of southern and tropical Africa).
spinescens (Thunb.) E. Weber - (kankerblarebossie, rolvarkie); much-branched spiny shrublet, flowers fawn; 9-3; dry stony slopes, Worcester (Karoo, Namaqualand, Namibia).

BARTSIA ca 60 sp - north temperate and tropical mountains

***trixago** L. - erect glandular semi-parasitic annual, 100-500 mm, flowers pink and whitish; 10-1; streamsides or damp slopes, Clanwilliam to Peninsula, Montagu to Swellendam (south and tropical Africa, Eurasia).

BUCHNERA ca 100 sp - tropical and subtropical, mostly Old World

dura Benth. - slender perennial, 150-600 mm, flowers purplish; 10-1; marshy slopes, Ceres, Worcester, Riversdale to Port Elizabeth (E Cape to tropical Africa).
glabrata Benth. - (false verbena); slender erect perennial, 100-400 mm, flowers blue, mauve or white; 1-4; marshy slopes, Ceres, Worcester, Paarl, Peninsula to Port Elizabeth (E Cape to Transvaal).

CYCNIUM ca 40 sp - southern and tropical Africa

tubulosum (L.f.) Engl. - (inkblom); erect perennial, 200-350 mm, flowers lilac; 11-1; marshy flats or lower slopes, George to Port Elizabeth (widespread in eastern S and tropical Africa, Namibia).

DIASCIA ca 50 sp - southern Africa

bergiana Link & Otto - annual to 300 mm, flowers purple; 10; Worcester, Uitenhage?.
burchellii Benth. - erect or sprawling annual, 150-300 mm, flowers purple; 7-9; mainly arid areas, Clanwilliam to Worcester, Ladismith, Montagu (W Karoo).
capensis (L.) Britten - spreading annual, 50-300 mm, flowers purple; 7-10; sand dunes and lower slopes, Clanwilliam to Peninsula, Caledon (Namaqualand).
cuneata E. Meyer ex Benth. - spreading annual, 30-300 mm, flowers yellow or white with purple centre; 3-10; riverbanks, Worcester, George, Uitenhage (E Cape, Transkei, Karoo).
dielsiana Schltr. - rigid branching annual, to 250 mm, flowers bright pink; 3-5; Riversdale.
diffusa Benth. - nearly prostrate annual, 30-300 mm, flowers purple; 7-11; lower slopes, Clanwilliam to Peninsula, Caledon (Karoo).
elongata Benth. - (resembles **D. capensis** but filaments bent); flowers purple; 7-10; flats or middle slopes, Lokenburg, Clanwilliam to Peninsula.
gracilis Schltr. - annual to 200 mm, flowers purplish; ?; lower slopes, Clanwilliam?, Hex River Valley.
heterandra Benth. - annual to 70 mm; ?; sand, Cape Flats (poorly known).
patens (Thunb.) Grant ex Fourc. - erect or straggling perennial, to 450 mm, flowers wine-red to scarlet; 5-8; dry lower to middle slopes, Ladismith, Humansdorp.
pentheri Schltr. - (? resembles **D. bergiana**); flowers pink; ?; middle slopes, George (poorly known).
sacculata Benth. - spreading annual, 30-250 mm, flowers red to purple; 8-10; sand dunes and lower mountain slopes, Gifberg to Peninsula, Worcester (Karoo).
tanyceras E. Meyer ex Benth. - (= **D. thunbergiana** Sprengel); erect or spreading annual, 30-350 mm, flowers purple; 8-9; flats and lower slopes, Nieuwoudtville to Malmesbury (Namaqualand).
unilabiata Benth. - sparsely branched annual, to 300 mm, flowers pink to red; 7-9; mountain slopes, Clanwilliam to Malmesbury, Tulbagh (Karoo, Namaqualand).
veronicoides Schltr. - loosely branched annual, to 600 mm, flowers violet-blue; 7-10; flats or lower slopes, Clanwilliam to Piketberg (W Karoo, Namaqualand).

DICLIS ca 10 sp - Africa, 1 in Madagascar

reptans Benth. - (dwarf snapdragon, toad flax); spreading almost prostrate perennial, flowers pink or white; 8-1; damp forest areas, George to Uitenhage (E Cape to Transvaal).

DISCHISMA 11 sp - S W Cape to Namibia

arenarium E. Meyer - spreading branched annual, 70-140 mm, flowers greenish; 8-12; sand dunes or flats, Clanwilliam to Peninsula, Caledon, Bredasdorp.
capitatum (Thunb.) Choisy - low spreading annual, 30-100 mm, flowers whitish; 9-11; sandy flats, Nieuwoudtville to Peninsula, Caledon (S Namaqualand).
ciliatum (Bergius) Choisy - erect or spreading annual or perennial, 150-400 mm, flowers white; 8-12; slopes and flats, Lokenburg to Port Elizabeth (Karoo).
crassum Rolfe - spreading shrublet, 300-500 mm, flowers white; 9-10; coastal sand, Clanwilliam, Piketberg.
fruticosum (L.f.) Rolfe - shrublet, 300-500 mm, flowers white; ?; Clanwilliam.
leptostachyum E. Meyer - slender shrublet, to 300 mm, flowers white; 10; sand dunes, Clanwilliam (Namaqualand).
spicatum (Thunb.) Choisy - erect or spreading annual, 50-300 mm, flowers white; 6-10; sandy flats, Clanwilliam (Namaqualand, Namibia).

squarrosum Schltr. - shrublet, 300-600 mm, flowers white; 8-11; sandy flats, Clanwilliam (S Namaqualand).

FREYLINIA 4 sp - S W to E Cape, Namaqualand

decurrens Levyns ex Van Jaarsveld - rigid shrub, to 2 m, flowers mauve and white; 6-9; middle slopes, Ladismith, Montagu.
lanceolata (L.f.) G. Don - (heuningklokkiesbos); slender nodding shrub, 1-4 m, flowers yellowish; 1-12; streambanks, widespread, Gifberg to Port Elizabeth.
undulata (L.f.) Benth. - erect rigid shrub, to 2 m, flowers violet-blue; 6-12; clay lower slopes, Caledon to Port Elizabeth (Namaqualand).
visseri Van Jaarsveld - shrub to 3 m, flowers purple; 9-11; rare on clay flats, Piketberg (extinct in the wild).

GLOBULARIOPSIS 1 sp - S W Cape

wittebergensis Compton - much-branched shrublet, to 120 mm, flowers white; 10-11; mid to upper slopes, Worcester, Witteberg.

GOSELA 1 sp - S W Cape

eckloniana Choisy - heath-like shrublet, to 300 mm, flowers dull maroon; 9-12; upper slopes, Clanwilliam, Ceres, Piketberg.

GRADERIA 5 sp - Africa

scabra (L.f.) Benth. - (wild pentstemon); perennial with woody rootstock, to 300 mm, flowers pink, showy; 10-3; grassland, Riversdale to Port Elizabeth (E Cape to Transvaal).

HALLERIA ca 4 sp - S W Cape to tropical Africa

elliptica Thunb. - (bush honeysuckle, notsung); shrub to 2 m, flowers red to orange; 10-4; often near streams, Worcester, Tulbagh to Swellendam (tropical Africa).
lucida L. - (tree fuchsia, notsung, witolyf); shrub or tree, 2-12 m, flowers red to orange, on new or old wood; 6-2; coastal or inland bush or forest, Gifberg to Port Elizabeth (E Cape to tropical Africa).
ovata Benth. - shrub to 3,5 m, flowers orange; 8-9; streambanks, Clanwilliam, rare.

HARVEYA ca 40 sp - Africa, also Mascarene Is.

bodkinii Hiern - 100-200 mm, flowers scarlet and yellow; 12-3; upper mountain slopes, Cedarberg, Ceres.
bolusii Kuntze - 80-200 mm, flowers scarlet and yellow; 11-1; mountain slopes, Tulbagh to Peninsula, Caledon to Riversdale (Natal?).
capensis Hook. - (white harveya, inkblom); flowers large, white or pink; 10-2; mountain slopes, Ceres, Worcester, Ladismith, Tulbagh to Peninsula, Caledon to Port Elizabeth (Namaqualand?).
euryantha Schltr. - 150-300 mm, flowers magenta?; 11-12; lower slopes, Caledon, Bredasdorp.
hirtiflora Schltr. - (rooi-inkblom); 80-200 mm, flowers scarlet and yellow; 10-12; lower slopes, Bredasdorp to Riversdale.
hyobanchoides Schltr. ex Hiern - 80-300 mm, flowers yellow, green and scarlet, in dense spikes; 4-10; lower slopes, Humansdorp to Port Elizabeth (E Cape).

laxiflora Hiern - (persinkblom); 80-300 mm, flowers lilac and yellow; 8-1; Ceres?, Tulbagh to Peninsula, Caledon, Bredasdorp?.

pauciflora (Benth.) Hiern - 80-300 mm, flowers white and pink; 10-1; Ceres, Piketberg, Stellenbosch.

purpurea (L.f.) Harvey - (rooi-inkblom); 100-300 mm, flowers pink and yellow, occ. cream; 9-12; flats and lower slopes, Paarl, Peninsula to Port Elizabeth (E Cape, OFS, Natal).

squamosa (Thunb.) Steudel - 150-600 mm, flowers orange-yellow, in dense spikes; 8-12; lower slopes, Clanwilliam to Peninsula (Namaqualand, Natal?).

stenosiphon Hiern - (rooi-inkblom); 200-600 mm, stems slender, flowers orange-red; 10-2; mid to upper slopes, Swellendam to Humansdorp.

sulphurea Hiern - 80-90 mm, flowers yellow; 8-9; middle slopes, Clanwilliam.

tubulosa Harvey ex Hiern - (= **H. coccinea** Schltr.); 80-450 mm, flowers rose-pink, occ. white; 10-3; flats and slopes, Stellenbosch, Peninsula, Uitenhage (E Cape).

HEBENSTREITIA ca 40 sp - southern and tropical Africa

cordata L. - much-branched shrublet with crowded leaves, to 300 mm, flowers small, fleshy, white; 11-5; sand dunes, Clanwilliam to Port Elizabeth (Namaqualand, E Cape, Namibia).

dentata L. - (katstert, slakblom); perennial, 60-500 mm, flowers white with orange marking; 6-10; sandy flats or lower slopes, Gifberg to Peninsula (Namaqualand).

dregei Rolfe - perennial, 250-450 mm, flowers cream; 8-12; lower to middle slopes, Caledon to Swellendam.

fastigiosa Jarosz - erect simple or branched annual, 50-250 mm, flowers white with orange marking; 9-12; sandy flats, Clanwilliam to Peninsula.

glaucescens Schltr. - diffuse annual, 30-150 mm, flowers white; 7-8; Ceres (W Karoo, S Namaqualand).

integrifolia L. - (katstert); annual or perennial, 200-600 mm, flowers white with yellow marking; 5-1; sandhills or grassy slopes, Mossel Bay to Port Elizabeth (Karoo, E Cape, Namaqualand, Namibia)

lanceolata (E. Meyer) Rolfe - (slakblom); much-branched shrublet, 200-600 mm, flowers white; 9-12; mountain slopes, Cedarberg, Ceres, Piketberg, Paarl.

neglecta Roessler - annual, 100-300 mm, flowers white; 7-9; sandy lower slopes and plateaus, Nieuwoudtville to Clanwilliam, Piketberg.

paarlensis Roessler - perennial, 150-400 mm, flowers white with orange marking; 9-11; moist lower slopes, Clanwilliam to Stellenbosch.

parviflora E. Meyer - much-branched annual, 30-250 mm, flowers white with orange marking; 7-9; sandy flats, Clanwilliam, Malmesbury, Little Karoo (Namaqualand, Karoo).

ramosissima Jarosz - slender or branched annual, 50-150 mm, flowers white; 8-10; gravelly lower slopes, Piketberg to Peninsula, Caledon.

repens Jarosz - much-branched annual, 100-450 mm, flowers white; 7-11; flats and lower slopes, Clanwilliam to Peninsula, Robertson, Ladismith, Caledon, Bredasdorp (Namaqualand).

robusta E. Meyer - erect or spreading perennial, 50-500 mm, flowers white with orange marking; 8-10; sandy lower to middle slopes, Nieuwoudtville to Malmesbury, Worcester, Montagu, Ladismith, Caledon to Uniondale (Namaqualand, Karoo).

sp aff. **paarlensis** Roessler - but with very short recurved leaves; Worcester (Karoo).

HEMIMERIS 4 sp - S W Cape, Namaqualand, Karoo

centrodes Hiern - annual to 300 mm, flowers yellow with spurs; 8-10; sandy shale, Nieuwoudtville (Karoo).
gracilis Schltr. - dwarf annual, 20-80 mm, flowers yellow; 7-10; arid flats, Worcester (Karoo).
racemosa (Houtt.) Merrill - (= **H. montana** L.f.); pubescent erect or spreading annual, 70-450 mm, flowers yellow; 7-10; sandy lower slopes and coastal flats, Clanwilliam to Peninsula, Caledon, Knysna (Namaqualand).
sabulosa L.f. - erect or prostrate annual, 80-450 mm, flowers yellow; 8-10; sandy coastal flats, Clanwilliam to Peninsula, Caledon.

HYOBANCHE 7 sp - S Africa, Namibia

atropurpurea Bolus - root parasite, flower heads 60-90 mm, flowers purplish-black; 9-10; mid to upper slopes, Clanwilliam to Peninsula (Namaqualand).
glabrata Hiern - root parasite, flower-heads 40-120 mm, flowers dull red or pink; 7-10; lower slopes?, Clanwilliam to Worcester, Robertson, Bredasdorp.
rubra N.E. Br. - (resembles **O. glabrata**); stamens short; 7-10; Mossel Bay (Karoo).
sanguinea L. - (snail flower, katnaels, wolwekos); root parasite, flower-heads 100-150 mm, flowers red or pink; 6-11; sandy flats and lower slopes, Gifberg to Uitenhage (E Cape, Namaqualand).

ILYSANTHES ca 50 sp - tropical and subtropical

gratioloides (L.) Benth. - spreading annual, 60-250 mm, flowers white or pale blue; 12-4; damp lower slopes, Worcester, Tulbagh to Peninsula, Knysna to Port Elizabeth (E Cape to Transvaal).

IXIANTHES 1 sp - S W Cape

retzioides Benth. - (waterbossie); tall leafy shrub, to 2,3 m, flowers yellow; 9-10; streamsides, lower to middle alt., Tulbagh, Piketberg.

LIMOSELLA ca 15 sp - cosmopolitan

africana Gluck - prostrate or floating perennial, flowers white or lilac; 8-11; temporary pools and marshes, Worcester, Malmesbury, Peninsula to Humansdorp, Uitenhage? (E Cape to tropical Africa).
capensis Thunb. - (slangkos); submerged aquatic, flowers white or lilac; 8-10; Clanwilliam, Piketberg, Peninsula to Uitenhage (Namaqualand, Karoo, E Cape to tropical Africa).
grandiflora Benth. - (tongblaar, blouwaterblommetjie); aquatic perennial, flowers white or lilac; 8-3; pools and marshes, Riversdale to Port Elizabeth (Karoo, Natal, Transvaal).

MANULEA ca 60 sp - S Africa, Namibia

altissima L.f. - robust annual or perennial with basal rosette, scapes 200-600 mm, flowers white; 8-10; sandy flats, Clanwilliam to Malmesbury (Namaqualand).
arabidea Schltr. ex Hiern - slender branched perennial, 50-150 mm, flowers mauve?; 8; riverbanks, Clanwilliam.
benthamiana Hiern - erect slender to robust annual, scapes 80-300 mm, flowers white; 7-10; flats and lower slopes, Clanwilliam to Malmesbury, Caledon (S Namaqualand, E Cape).

cephalotes Thunb. - wiry perennial, 300-500 mm, flowers reddish-brown; mainly 9-3; mountain slopes, Cedarberg to Worcester, Montagu.
cheiranthus L. - slender or branched annual, 30-300 mm, flowers fragrant, orange or yellow; 7-2; flats and lower slopes, Clanwilliam to Humansdorp (Namaqualand).
corymbosa L.f. - annual, 150-300 mm, flowers white; 7-11; coastal flats, Clanwilliam to Darling.
densiflora Benth. - rigid perennial, 200-350 mm, flowers white or ochre; 12-4; lower slopes, Clanwilliam, Ceres, Montagu?.
glandulosa E. Phillips - tufted perennial, scapes 300-600 mm, flowers orange; 9; lower rocky slopes, Gifberg, Clanwilliam.
laxa Schltr. - tufted perennial, scapes 150-800 mm, flowers brownish-orange; 9-1; mountain slopes, Cedarberg, Ceres, Worcester (Karoo, S Namaqualand).
leiostachys Benth. - rigid perennial, 300-600 mm, flowers ochre; 6-12; mountain slopes, Cedarberg to Worcester, Paarl, Stellenbosch, Caledon to Riversdale.
minor Diels - annual, 80-250 mm, flowers white; 7-11; mountain slopes, Piketberg, Worcester, Caledon to Swellendam.
obovata Benth. - soft perennial, 150-600 mm, flowers yellow or orange; 9-1; sand dunes or coastal flats, Knysna to Port Elizabeth (Karoo, E Cape).
parviflora Benth. - robust perennial, to 600 mm, flowers orange-yellow; Uniondale to Port Elizabeth (E Cape to tropical Africa).
pusilla E. Meyer ex Benth. - dwarf annual, 20-80 mm, flowers orange-yellow; 7-9; mountain slopes, Clanwilliam, Ceres (Karoo, Namaqualand, Namibia).
rigida Benth. - rigid perennial, to 1 m, flowers ochre; 11-4; lower slopes, Clanwilliam, Ceres (Namaqualand, N Cape).
silenoides E. Meyer ex Benth. - tufted annual, 30-200 mm, flowers white or mauve; 6-9; sandy flats or lower slopes, Clanwilliam, Ceres (Namaqualand).
stellata Benth. - soft branched perennial, to 300 mm, flowers orange; 9-10; rocky lower slopes, Clanwilliam, Tulbagh.
thyrsiflora L.f. - erect shrublet, 300-450 mm, flowers yellow or orange; 8-9; sand dunes, Saldanha, Malmesbury (Natal).
tomentosa L. - (= **M. rubra** L.f.); variable shrublet, often pubescent, 150-800 mm, flowers brick-red; 6-12; sand dunes or lower slopes, Stellenbosch, Peninsula to Bredasdorp.
virgata Thunb. - soft shrublet, 200-450 mm, flowers orange; 9-10; stony mountain slopes, Clanwilliam.

MELASMA ca 20 sp - Africa, America

scabrum Bergius - semi-parasitic sparingly branched erect perennial, 0,2-1 m, flowers cream with dark centre; 11-3; marshy mountain slopes, Worcester, Tulbagh, Peninsula to Port Elizabeth (widespread in S Africa).

MICRODON 5 sp - S W Cape

capitatus (Bergius) Levyns - heath-like shrublet, 300-600 mm, flowers white with orange markings; 10-12; sandy flats, Clanwilliam, Darling, Peninsula.
cylindricus E. Meyer - heath-like shrublet, 300-900 mm, flowers cream; 9-12; mountain slopes, Gifberg to Worcester, Piketberg, Paarl, Montagu.
linearis Choisy - heath-like shrublet, 300-450 mm, flowers white with orange throat; 10; flats and lower slopes, Malmesbury.
lucidus Choisy - heath-like shrublet, 300-600 mm, flowers white; 9-2; upper alt., Clanwilliam, Ceres, Tulbagh, Piketberg.
orbicularis Choisy - heath-like shrublet, to 300 mm, flowers white; 7-10; sandy flats or lower slopes, Clanwilliam.

NEMESIA ca 65 sp - southern and tropical Africa

acuminata Benth. - sprawling annual or perennial, 250-600 mm, flowers white or pale mauve; 4-9; sandy flats, Ceres, Paarl, Stellenbosch, Caledon.

affinis Benth. - (weeskinders); erect annual, to 450 mm, flowers usually yellow, occ. mauve; 8-10; Nieuwoudtville to Malmesbury, Riversdale, Humansdorp, Uitenhage (Namaqualand, Namibia).

anfracta Hiern - spreading perennial, to 600 mm, flowers white with purple markings; mainly 10-1; lower slopes, Caledon, Genadendal.

barbata (Thunb.) Benth. - (incl. **N. grandiflora** Diels) (bloubekkie, kappie); annual, 80-350 mm, flowers whitish with lower lip velvety-blue to black; 8-9; sandy soils, Clanwilliam to Swellendam.

bicornis (L.) Pers. - (Kaapseleeubekkie); annual to 600 mm, flowers white, mauve or pale blue; 7-10; sandy flats and lower slopes, Clanwilliam to Peninsula (Namaqualand).

bodkinii Bolus - low perennial, 60-200 mm, flowers black; 9-12; rocky lower slopes, Clanwilliam, Worcester, Tulbagh, Riversdale?.

brevicalcarata Schltr. - perennial to 200 mm, flowers white or mauve; 9; mountain slopes, Worcester, Paarl.

calcarata E. Meyer ex Benth. - erect annual, to 250 mm, flowers yellow; 9-11; mountain slopes, Ceres, Worcester.

cheiranthus E. Meyer ex Benth. - annual to 300 mm, flowers white with yellow markings, upper petals narrow and conspicuous; 7-10; mountain slopes, Nieuwoudtville, Clanwilliam, Piketberg.

diffusa Benth. - perennial to 450 mm, flowers white with purple markings; 9-4; mountain slopes, Worcester, Paarl, Stellenbosch, Caledon.

elata Grant ms. - annual or perennial, to 600 mm, flowers white and purple; ?; damp rocks, George.

floribunda Lehm. - (leeubekkie); annual, 150-300 mm, flowers white; 7-10; Riversdale to Port Elizabeth (E Cape to Natal).

fourcadei Grant ms. - annual to 300 mm, flowers white with violet veins; 8; forest margins, Humansdorp.

fruticans (Thunb.) Benth. - (= **N. foetens** Vent. & **N. capensis** (Thunb.) Kuntze) (maagpynblommetjie, witleeubekkie); erect or sprawling perennial or shrublet, 100-250 mm, flowers pale pink to purple; 4-10; flats and mountains, Knysna to Port Elizabeth (widespread in southern Africa).

gracilis Benth. - slender annual, to 300 mm, flowers yellow and mauve; 8; Clanwilliam, Paarl, Swellendam?.

guthriei Hiern - erect annual, to 300 mm, flowers whitish; 9; sandy flats, Cape Peninsula (extinct?).

latifrons Grant ms. - robust spreading perennial with broad toothed leaves, to 300 mm, flowers white; 9-11; rocky middle slopes, Piketberg.

ligulata E. Meyer ex Benth. - annual to 250 mm, flowers usually yellow, spur thickened distally; 7-9; sandy flats, Clanwilliam, Piketberg (Namaqualand).

lucida Benth. - annual, 40-450 mm, flowers white with purple veins; 7-11; lower slopes, Worcester?, Ceres?, Stellenbosch, Peninsula.

macrocarpa (Aiton) Druce - robust perennial, to 500 mm, flowers white or pale pink; 9-4; shady middle slopes, Peninsula, Swellendam?.

macroceras Schltr. - annual, 80-300 mm, flowers white and yellow, upper petals narrow and conspicuous; 8-10; sandy slopes, Gifberg, Lokenburg, Clanwilliam (W Karoo).

melissifolia Benth. - erect or spreading perennial, 150-650 mm, flowers white; 4-9; forest margins and moist sites, Knysna to Uitenhage (to Natal).

micrantha Hiern - low annual, to 120 mm; 10; damp rocks, Cape Peninsula (extinct?).

pageae L. Bolus - annual, 90-250 mm, flowers orange-red; 8-9; moist south-facing lower slopes, Worcester, Robertson, Ladismith.
parviflora Benth. - erect or spreading annual, 100-450 mm, flowers yellow or yellow and white; 9-11; sandy flats, Clanwilliam, Piketberg, Tulbagh, Bredasdorp to Mossel Bay (E Cape, Botswana).
petiolina Hiern - annual to 600 mm, flowers white; 11-12; mountain slopes, Ceres.
picta Schltr. - erect annual, 120-150 mm, flowers pink and white; 11; middle slopes, Paarl (poorly known).
pinnata (L.f.) E. Meyer ex Benth. - annual with pinnate leaves, 70-350 mm, flowers yellow or yellow and white; 7-10; damp sandy flats or lower slopes, Peninsula, Caledon, Bredasdorp.
psammophila Schltr. - annual, 70-300 mm, flowers pale blue and orange; 8-9; damp sandy flats, Clanwilliam.
pubescens Benth. - annual or perennial, to over 300 mm, flowers white?; ?; George, Uniondale (E Cape to Natal, Karoo, OFS).
pulchella Schltr. ex Hiern - annual, 80-450 mm, flowers white and yellow, upper lobes conspicuous; 8-9; sandy flats, Gifberg, Clanwilliam (Namaqualand).
strumosa Benth. - (nemesia, leeubekkie, balsa mienie); annual, 150-300 mm, flowers large, red, pink, orange, yellow or white; 9-10; sandveld, Piketberg to Malmesbury (cultivated worldwide).
versicolor E. Meyer ex Benth. - (leeubekkie, weeskindertjies); annual, 100-500 mm, flowers blue or yellow, often with striped reverse; 8-11; sandy flats, Clanwilliam to Knysna (Namaqualand).

OFTIA 3 sp - S W Cape to Namaqualand

africana (L.) Bocq. - dense sprawling shrub, to 1 m, flowers fragrant, white; 1-12; flats and mountains, widespread, Gifberg to Riversdale.
glabra Compton - spreading shrublet, 500-800 mm, flowers whitish; 9-10; stony uppermost slopes, Witteberg Mts.

PELIOSTOMUM ca 7 sp - Africa

leucorrhizum E. Meyer ex Benth. - (veld violet, springbokbossie); much-branched low shrublet, to 300 mm, flowers blue to purple; 10-3; karroid flats, Little Karoo (dry areas of southern and tropical Africa).
virgatum E. Meyer ex Benth. - spreading shrublet, to 200 mm, flowers violet; 7-11; arid slopes, Clanwilliam (Karoo, Namaqualand).

POLYCARENA ca 42 sp - southern Africa

alpina (N.E. Br.) Levyns - prostrate mat-forming perennial, flowers mauve or pink; 9-10; high alt., Worcester, Caledon.
arenaria Hiern - slender branched annual, 80-200 mm, flowers white; 8-9; sandy flats, Clanwilliam, Ceres (Namaqualand).
aurea Benth. - slender sparsely branched annual, 50-200 mm, flowers yellow; 7-10; sandy flats or slopes, Clanwilliam, Ceres, Worcester (Karoo).
bracteata (Benth.) Levyns - erect or spreading annual, 60-450 mm, flowers white; 7-10; coastal flats, George to Port Elizabeth (E Cape, Natal).
capensis (L.) Benth. - erect branched annual, 80-300 mm, flowers yellow, white or mauve; 8-10; sandy flats or lower slopes, Clanwilliam to Peninsula (S Namaqualand, W Karoo).
capillaris (L.f.) Benth. - slender branched annual, 70-250 mm, flowers white; 7-10; coastal flats, Piketberg to Peninsula, Caledon, Riversdale?, Uitenhage?.

capitata (L.f.) Levyns - annual, branched at base, 30-200 mm, flowers yellow; 8-9; flats and lower slopes, Piketberg to Peninsula, Port Elizabeth?.
cephalophora (Thunb.) Levyns - erect sparsely branched pubescent annual, 50-400 mm, flowers blue-mauve; 8-12; sandy flats, Clanwilliam to Peninsula.
collina Hiern - slender annual, to 200 mm, flowers cream; 7-9; flats, Clanwilliam (Namaqualand).
cuneifolia (L.f.) Levyns - branching annual, 50-300 mm, flowers mauve; 6-12; flats, Knysna to Port Elizabeth (E Cape, Natal).
diffusa (Benth.) Levyns - erect or spreading annual, 100-300 mm, flowers white; 7-12; lower slopes, Swellendam to Port Elizabeth (E Cape).
gilioides Benth. - slender branched annual, 80-160 mm, flowers cream; 8-9; lower slopes or flats, Clanwilliam, Paarl.
glaucescens Hiern - very slender annual, 80-90 mm, flowers yellow and white; 8-9; stony flats, Clanwilliam (Namaqualand).
glutinosa (Schltr.) Levyns - branched perennial, flowers white or mauve; 11-1; rocky upper slopes, Tulbagh, Ceres, Worcester.
heterophylla (L.f.) Levyns - erect or spreading annual, 30-300 mm, flowers cream; 8-11; lower to middle slopes, Clanwilliam to Bredasdorp (Namaqualand).
leipoldtii Hiern - slender annual, 100-250 mm, flowers yellow; 8; flats and lower slopes, Clanwilliam (Namaqualand).
linearifolia (Bolus) Levyns - soft shrublet, 200-300 mm, flowers white or yellow; 5-12; upper slopes, Swellendam, Oudtshoorn, Uniondale.
multifolia (Hiern) Levyns - branched annual, 100-300 mm, flowers mauve; 5-6; middle slopes, Bredasdorp to George.
parvula Schltr. - slender annual, 70-150 mm, flowers yellow?; 8; lower slopes, Clanwilliam.
plantaginea (L.f.) Benth. - erect or spreading annual, 40-200 mm, flowers white; 7-8; middle slopes, Clanwilliam, Worcester, Malmesbury (Namaqualand).
pubescens Benth. - slender annual, 50-300 mm, flowers white or yellow; 9; dry stony lower slopes, Tulbagh (Karoo, Namaqualand, Namibia).
pumila (Benth.) Levyns - simple or branched annual, 50-100 mm, flowers purple; 8-10; high alt., Clanwilliam, Riversdale (Namaqualand).
rariflora Benth. - slender simple or branched annual, 50-250 mm, flowers white; 9-10; mountain slopes, Clanwilliam, Worcester (Karoo).
schlechteri (Hiern) Levyns - spreading slender shrublet, flowers cream with violet centre; 9-4; rocky upper slopes, Ceres.
selaginoides Schltr. ex Hiern - branched robust annual, 80-120 mm, flowers mauve; 7-10; lower slopes, Clanwilliam, Piketberg (Namaqualand).
silenoides Harvey ex Benth. - simple or branched annual, 50-150 mm, flowers yellowish; 8-10; Clanwilliam, Peninsula.
sordida (Hiern) Levyns - branched erect or spreading annual, 100-300 mm, flowers white; ?; riverbanks, Swellendam to Port Elizabeth (E Cape).
tenella Hiern - slender flexuose annual, 50-150 mm, flowers white; 8-10; rocky mid to upper slopes, Cedarberg (Karoo, Namaqualand).

SELAGO ca 150 sp - tropical and southern Africa

adpressa Choisy - heath-like shrub, 300-450 mm, flowers white; 11-12; lower slopes, Paarl to Peninsula, Worcester, Tulbagh, George, Uitenhage.
albida Choisy - (bergwitaarbossie); heath-like shrub, 300-900 mm, flowers mauve or white; 1-12; flats and slopes, Worcester to Oudtshoorn, Swellendam, Caledon (Namaqualand, Karoo, E Cape, Namibia).
ascendens E. Meyer - sprawling robust annual, 150-300 mm, flowers mauve; 12; shade of rocks on upper slopes, Ceres, Worcester.

aspera Choisy - shrublet, 150-300 mm, flowers mauve; 10; lower slopes, Caledon, Swellendam.
brevifolia Rolfe - shrublet, 300 mm, flowers white; mainly 10-11; lower slopes, Bredasdorp to Mossel Bay.
burchellii Rolfe - shrub to 1 m, flowers violet; 1; coastal flats, George, Knysna.
burmannii Choisy - annual, 150-450 mm, flowers white; 10-2; mid to upper slopes and plateaus, Gifberg, Cedarberg, Ceres.
canescens L. - shrublet, 300-450 mm, flowers mauve; 7; lower coastal slopes, Swellendam?, Port Elizabeth.
corymbosa L. - (bitterblombos); shrublet, 300-600 mm, flowers white; 12-6; flats and slopes, widespread in S W Cape (E Cape to Natal, Karoo).
curvifolia Rolfe - shrublet, 200-300 mm, flowers white; 7-11; flats or slopes, Clanwilliam, Piketberg, Worcester.
cylindrica Levyns - shrublet, 200-350 mm, flowers white; 12-1; lower slopes, Peninsula, Swellendam.
diffusa Thunb. - shrublet to 300 mm, flowers purple; 10; middle slopes, Uniondale.
diosmoides Rolfe - slender shrublet, 150-200 mm, flowers white; 10-1; coastal areas, Bredasdorp to Uniondale.
dregei Rolfe - shrublet, 300-450 mm, flowers white; 10-7; lower to middle slopes, Peninsula to Port Elizabeth.
eckloniana Choisy - variable shrublet, 200-450 mm, flowers white; 8-9; arid mid to upper slopes, Ladismith, Montagu, Swellendam.
elata Choisy - shrublet, 200-450 mm, flowers mauve, occ. white; 9-7; streamsides, Caledon, Swellendam.
elegans Choisy - annual?, 300-450 mm, flowers ?; 10-12; lower slopes, Clanwilliam, Oudtshoorn, Swellendam.
ferruginea Rolfe - shrublet, 200-300 mm, flowers white?; ?; flats, Riversdale.
forbesii Rolfe - shrublet, 300-600 mm, flowers mauve; 1-6; sandy coastal flats, Knysna to Port Elizabeth (E Cape).
fruticosa L. - shrublet, 300-450 mm, flowers white or purple; 9-4; flats or lower slopes, Malmesbury, Caledon to Knysna (E Cape).
fruticulosa Rolfe - shrublet, 150-320 mm, flowers white; 8-12; lower slopes, Clanwilliam to Peninsula, Worcester, Caledon.
glabrata Choisy - shrublet, 300-450 mm, flowers white; 9-10; lower slopes, Caledon to Riversdale, Uitenhage.
glomerata Thunb. - shrub to 1 m, flowers white or mauve; 9-3; mountain slopes, Clanwilliam to Worcester, Caledon to Port Elizabeth (E Cape).
glutinosa E. Meyer - 150-450 mm, flowers white; 5-10; middle to high alt., Cedarberg to Worcester, Montagu (Namaqualand).
guttata E. Meyer - sprawling annual, to 300 mm, flowers white or pale mauve; 12-5; summits or upper slopes, Cedarberg to Paarl, Worcester.
herbacea Choisy - slender annual, 300-450 mm, flowers ?; ?; sand dunes, Humansdorp, Uitenhage (E Cape).
heterophylla E. Meyer - (identity uncertain); slender annual or perennial, 200-420 mm, flowers mauve; 10-1; high alt., Cedarberg, Ceres, Tulbagh.
hirta L.f. - dwarf much-branched annual, 60-150 mm, flowers greenish; 9-10; lower slopes, Ceres, Worcester, Tulbagh, Paarl.
hispida L.f. - shrublet to 300 mm, flowers white; 9-11; middle alt., Clanwilliam, Piketberg, Tulbagh.
incisa Hochst. - sprawling annual, to 200 mm, flowers white; 12-1; mountain slopes, Worcester, Paarl, Caledon.
lamprocarpa Schltr. - shrub to 300 mm, flowers white; 9-2; upper slopes, Cedarberg, Ceres, Worcester.
laxiflora Choisy - shrublet to 350 mm, flowers mauve?; 9-11; upper slopes, Clanwilliam.

linearifolia Rolfe - loose shrublet, to 300 mm, flowers mauve or white; 7-9; lower slopes, Gifberg, Clanwilliam (Namaqualand).
linearis Rolfe - shrublet to 300 mm, flowers lavender; 1; near rivers, Uniondale.
luxurians Choisy - shrublet to 400 mm, flowers white; 11-2; mid to upper slopes, Oudtshoorn, Ladismith, Mossel Bay to Uitenhage.
minutissima Choisy - (witaarbossie); variable shrublet, 300-600 mm, flowers white; 8-10; mountain slopes, Nieuwoudtville, Clanwilliam, Worcester, Piketberg (Namaqualand, N Cape, OFS).
mundii Rolfe - slender shrub, to 1 m, flowers white; 9-11; lower slopes, Ceres, Tulbagh, Paarl.
oresigena Compton - dwarf shrub, to 200 mm, flowers white; 12-3; mountain summits, Cedarberg, Tulbagh, Ceres.
polystachya L. - shrublet, 300-600 mm, flowers blue; 1-3; lower slopes, Clanwilliam, Tulbagh, Stellenbosch, George.
pubescens Rolfe - shrublet to 300 mm, flowers ?; ?; lower slopes, George.
quandrangularis Choisy - annual or perennial, 200-600 mm, flowers white; 9-1; upper slopes, Tulbagh to Peninsula.
ramosissima Rolfe - shrublet, 100-250 mm, flowers white; 8-12; lower slopes, Peninsula (extinct?), Bredasdorp to Mossel Bay, Montagu.
ramulosa E. Meyer - shrub, 300-900 mm, flowers mauve; 8; lower slopes, Swellendam to Humansdorp.
rudolphii (Hiern) Levyns - shrublet, 100-300 mm, flowers purple; 12-1; high alt., Ceres, Tulbagh.
rustii Rolfe - annual?, 150 mm, flowers ?; ?; Riversdale (poorly known).
scabrida Thunb. - shrublet, 200-450 mm, flowers white; 1-12; flats to upper slopes, Clanwilliam to Peninsula, Caledon to Riversdale.
serrata Bergius - stout perennial, 300-900 mm, flowers mauve; 10-2; widespread on mountain slopes, Clanwilliam to Peninsula, Caledon to Knysna.
spinea Link - (identity uncertain); shrublet, 150-450 mm, flowers white; 6-10; lower slopes, Tulbagh, Worcester, George?.
spuria L. - annual or perennial, 150-600 mm, flowers white, pink or mauve; 10-1; widespread on flats to upper slopes, Gifberg to Uniondale.
stricta Bergius - (resembles **S. corymbosa** L.); shrublet, 100-450 mm, flowers white; 9-12; middle slopes, Gifberg, Clanwilliam, Ceres, Tulbagh, Paarl.
tenuis E. Meyer - (identity uncertain); shrublet, 150-300 mm, flowers purple; 1-6; mid to upper slopes, Worcester (Karoo).
tephrodes E. Meyer - loosely branched shrub, to 450 mm, flowers white, occ. mauve; 4-10; flats and lower slopes, Clanwilliam, Piketberg, Malmesbury, Paarl, Caledon.
thomii Rolfe - flexuose shrublet, 200-350 mm, flowers white; 5-9; Riversdale, Robertson?.
thunbergii Choisy - shrub to 1 m, flowers pale mauve; 6-9; lower to middle coastal slopes, Caledon to Uniondale.
triquetra L.f. - (identity uncertain); shrublet, 150-300 mm, flowers white; 7-10; lower slopes, Clanwilliam, Ceres, Worcester, Paarl (S Namaqualand).
verbenacea L.f. - relatively robust annual, 300-900 mm, flowers mauve or purple; 9-2; moist lower to middle slopes, Paarl, Caledon to Riversdale.
villicaulis Rolfe - shrublet to 400 mm, flowers lavender; 4-6; lower slopes, Knysna.
wittebergensis Compton - shrublet with pubescent leaves, to 250 mm, flowers cream; 10-11; upper slopes, Witteberg.
zeyheri Rolfe - shrublet, 150-300 mm, flowers white; 2-10; arid upper slopes, Clanwilliam, Worcester, Oudtshoorn, Caledon? (Karoo).

SOPUBIA ca 60 sp - palaeotropical and subtropical

simplex (Hochst.) Hochst. - erect semi-parasitic perennial, 200-600 mm, flowers pink to mauve; 11-2; wet grassland and marshes, Knysna to Port Elizabeth (E Cape to tropical Africa).

STRIGA ca 40 sp - palaeotropical and subtropical

bilabiata (Thunb.) Kuntze - erect semi-parasite, 100-200 mm, flowers pink; 11-6; grassland, Knysna to Uitenhage (widespread in eastern southern Africa).
gesnerioides (Willd.) Vatke ex Engl. - (bloublommetjie, rooiblommetjie); branched erect parasite, 50-100 mm, flowers mauve or pink; Uitenhage (to tropical Africa and India).

SUTERA ca 130 sp - tropical and southern Africa, Canary Is.

aethiopica (L.) Kuntze - erect or spreading shrublet, 300-600 mm, flowers cream or mauve; 4-8; lower slopes, Ceres?, Caledon to Humansdorp.
affinis (Bernh.) Kuntze - shrublet to 200 mm, flowers mauve; 4-11; lower slopes, Bredasdorp, Knysna.
annua Schltr. ex Hiern - tufted annual, 30-300 mm, flowers white and mauve; 7-9; mountain slopes, Clanwilliam.
antirrhinoides (L.f.) Hiern - (verfblommetjie); erect or spreading annual, 30-300 mm, flowers cream and orange or mauve; 7-10; dry lower to middle slopes, Clanwilliam to Peninsula, Montagu, Swellendam to Mossel Bay (Namaqualand).
argentea (L.f.) Hiern - much-branched shrublet, 450-900 mm, flowers white, mauve or pink; 2-4; lower slopes, Humansdorp, Uitenhage (E Cape to Natal).
aspalathoides (Benth.) Hiern - (saffraanbossie); shrublet with minute crowded leaves, 300-600 mm, flowers pink, white or purple; 8-4; flats or lower slopes, often on limestone, Bredasdorp to Uitenhage, Ladismith (OFS?).
atrocaerulea Fourc. - shrub with minute crowded leaves, to 600 mm, flowers dark purple-blue; 7-3; lower slopes, Humansdorp.
atropurpurea (Benth.) Hiern - (geelblommetjie, saffraanbossie); much-branched shrub with small crowded leaves, to 1 m, flowers yellow to brown or maroon; 12-6; karroid areas, Bredasdorp to George, Uitenhage (dry areas of southern Africa).
caerulea (L.f.) Hiern - (ruikbossie); soft shrublet, 120-450 mm, flowers mauve; 1-12; flats to middle slopes, Peninsula?, Worcester, Montagu, Oudtshoorn, Caledon to Port Elizabeth (throughout southern Africa).
campanulata (Benth.) Kuntze - robust annual or perennial, 200-450 mm, flowers mauve; 11-4; coastal flats, Swellendam to Port Elizabeth (E Cape to Karoo?).
cephalotes Kuntze - twiggy shrublet, 150-300 mm, flowers pink; 4-9; lower slopes, Caledon to Riversdale.
cordata (Thunb.) Kuntze - prostrate perennial, to 300 mm, flowers white; 1-12; coastal flats to lower slopes, George to Port Elizabeth (E Cape).
denudata (Benth.) Kuntze - erect shrublet, 100-300 mm, flowers pink or mauve; 3-8; mountain slopes, Ladismith to Uniondale (Karoo).
foetida (Andrews) Roth - (stinkbossie); annual to 1 m, flowers magenta or mauve; 8-11; mid to upper slopes, Clanwilliam to Worcester, Witteberg, Piketberg, Montagu (Namaqualand).
foliolosa (Benth.) Hiern - spreading shrublet with small crowded leaves, 150-300 mm, flowers purple?; 7; lower slopes, Knysna to Uitenhage (E Cape).
hispida (Thunb.) Druce - spreading shrublet, 200-400 mm, flowers white or mauve; 1-12; widespread, Clanwilliam to Port Elizabeth (E Cape, Karoo).

infundibuliformis Schinz. - annual to 80 mm; 4,9; coastal flats or slopes, Bredasdorp, Uitenhage.
integrifolia (L.f.) Kuntze - spreading shrublet, 300-600 mm, flowers white or mauve; 1-12; lower coastal slopes, Swellendam to Uniondale.
kraussiana (Bernh.) Hiern - slender shrublet, to 600 mm, flowers white or pinkish; 8; lower slopes, Uniondale (E Cape to Natal).
linifolia (Thunb.) Kuntze - (incl. **S. glabrata** (Benth.) Kuntze); much-branched erect shrublet, 150-450 mm, flowers mauve; 1-12; lower to middle slopes, widespread in S W Cape (Karoo, OFS).
lychnidea (L.) Hiern - soft shrublet, 300-800 mm, flowers greenish; 9-12; sandy flats, Saldanha Bay to Peninsula, Caledon.
marifolia (Benth.) Kuntze - grey-leafed spreading shrublet, to 300 mm, flowers white; 10-1; Knysna to Port Elizabeth.
microphylla (L.f.) Hiern - much-branched shrublet with minute crowded leaves, to 300 mm, flowers purple to pink; 7-2; lower slopes, Swartberg Mts., Bredasdorp to Port Elizabeth (Namaqualand, Namibia).
ochracea Hiern - erect annual, 80-250 mm, flowers white with orange centre; 8-9; lower slopes, Montagu, Ladismith (Namaqualand).
pauciflora (Benth.) Kuntze - spreading shrublet, 150-600 mm, flowers mauve; 4-7; lower slopes, George?, Port Elizabeth (E Cape, Karoo).
pedunculata (Andrews) Hiern - much-branched erect or matted shrublet, to 600 mm, flowers white and brown; 1-12; limestone outcrops or lower slopes, Oudtshoorn, Montagu, Peninsula?, Caledon to Port Elizabeth (E Cape).
phlogiflora (Benth.) Hiern - sprawling shrublet, 200-600 mm, flowers white; 9-11; Mossel Bay, George (E Cape).
pinnatifida (Benth.) Kuntze - much-branched shrublet, to 300 mm, flowers purple, mauve or white; 3-5; Uniondale (Karoo, E Cape to Transvaal).
polyantha (Benth.) Kuntze - (verfblommetjie); wiry spreading annual, to 300 mm, flowers lilac; 5-8; lower slopes, Knysna to Port Elizabeth (to Transvaal).
racemosa (Benth.) Kuntze - sprawling shrublet, to 300 mm, flowers white; 12; forest margins, George, Knysna (E Cape).
revoluta (Thunb.) Kuntze - erect shrublet, 150-450 mm, flowers blue or mauve; 5-12; mid to upper slopes, Clanwilliam, Ceres to Ladismith, Tulbagh, Malmesbury, Caledon to Uniondale (Namaqualand).
rhombifolia Schinz - shrublet to 250 mm, flowers ?; 3; lower slopes, George.
stenophylla Hiern - erect twiggy shrublet, to 300 mm, flowers pink; 11-5; lower and middle slopes, Mossel Bay, Oudtshoorn, Uniondale.
subnuda (N.E. Br.) Hiern - wiry shrublet, 300-450 mm, flowers yellow or orange; ?; lower slopes, Riversdale.
subspicata (Benth.) Kuntze - rigid woody shrublet, 100-220 mm, flowers white, mauve on reverse; 6-9; limestone hills, Caledon to Swellendam.
tenuiflora (Benth.) Hiern - erect annual, 30-200 mm, flowers magenta; 8-9; karroid slopes, Ceres, Montagu, Ladismith, Swellendam (Karoo).
tortuosa (Benth.) Hiern - woody shrublet with small crowded leaves, to 200 mm, flowers mauve; 9-4; dry slopes, Swellendam (Karoo).
tristis (L.f.) Hiern - erect annual, 80-400 mm, flowers white to yellow; 8-12; sandy flats and slopes, Nieuwoudtville to Mossel Bay (Namaqualand, Namibia).
violacea (Schltr.) Hiern - erect shrub, to 1 m, flowers mauve; 8-11; lower slopes, Clanwilliam, Ceres, Oudtshoorn.

TEEDIA 2 sp - S W to E Cape, Namaqualand

lucida (Aiton) Rudolphi - (stinkbos); sprawling shrub, 0,6-1,2 m, flowers mauve; 9-1; mountain slopes among rocks, Clanwilliam to Uniondale (E Cape, Natal, Namaqualand).

pubescens Burchell - shrub to 600 mm, flowers pink or mauve; 9-12; rock crevices at mid to upper alt., Gifberg, Ceres, Worcester, Humansdorp, Uniondale.

WALAFRIDA ca 40 sp - tropical and southern Africa

ciliata (L.f.) Rolfe - shrub to 600 mm, flowers mauve or white; 4-9; lower slopes, Caledon to George, Uitenhage.
cinerea (L.f.) Rolfe - variable erect shrub, 300-750 mm, flowers white or mauve; 8-1; damp mountain slopes, Riversdale to Uniondale (E Cape).
decipiens (E. Meyer) Rolfe - straggling shrublet, 300-600 mm, flowers white; 8-12; flats, Uitenhage (E Cape).
diffusa (Hochst.) Rolfe - shrublet to 250 mm, flowers mauve; 4-5; lower slopes, Humansdorp.
distans (E. Meyer) Rolfe - 150-300 mm, flowers white; 11-12; mid to upper slopes, Witteberg?, Swartberg Mts.
geniculata (L.f.) Rolfe - (blou-aarbossie); shrub, 150-600 mm, flowers mauve or white; 11-4; dry lower slopes, Clanwilliam?, Oudtshoorn to Uniondale (Namaqualand, E and N Cape, OFS).
gracilis Rolfe - sprawling shrublet, 200-300 mm, flowers white; 9-11; lower slopes, Swellendam, George, Uniondale.
loganii Hutch. - shrublet to 750 mm, flowers mauve or white; 4-9; arid upper slopes, Nieuwoudtville, Worcester (Karoo).
micrantha (Choisy) Rolfe - shrublet, 100-450 mm, flowers white, occ. purple; 11-4; flats and lower slopes, Swellendam to Uitenhage (E Cape, Karoo, OFS).
nitida E. Meyer - shrublet, 150-700 mm, flowers pink or mauve; 3-9; lower occ. upper slopes, Caledon?, Humansdorp to Port Elizabeth.
paniculata (Thunb.) Rolfe - (waterbossie); sprawling shrublet, 150-600 mm, flowers white or mauve; 11-3; near mountain streams, Clanwilliam, Mossel Bay (dry parts of southern and tropical Africa).
pubescens Rolfe - shrublet to 300 mm, flowers?; ?; Cape Peninsula (poorly known).
recurva (E. Meyer) Rolfe - shrublet, 300-600 mm, flowers ?; ?; damp lower slopes, Humansdorp.
rotundifolia (L.f.) Rolfe - erect shrublet, 300-600 mm, flowers white; 8-3; grassy flats, Knysna to Port Elizabeth.
squarrosa Rolfe - low shrublet, to 250 mm, flowers white; 10-1; lower slopes, Riversdale, Oudtshoorn?, Uniondale, Uitenhage.
witbergensis (E. Meyer) Rolfe - (witaarbossie); shrublet to 350 mm, flowers white; 11; sandhills, Uitenhage.
zeyheri (Choisy) Rolfe - twiggy shrublet, 300-600 mm, flowers mauve; 11-2; flats, Port Elizabeth (E Cape).

ZALUZIANSKYA ca 40 sp - southern Africa

benthamiana Walp. - (incl. **Z. bolusii** Hiern); erect annual, 50-300 mm, flowers yellow or cream; 7-10; flats or lower slopes, Clanwilliam, Ceres, Malmesbury (Namaqualand, Namibia).
capensis (L.) Walp. - (verfblommetjie); simple or branched annual, occ. perennial, 100-400 mm, flowers white, reddish on reverse; 4-12; sand dunes or lower slopes, widespread, Nieuwoudtville to Port Elizabeth (Namaqualand, W Karoo, E Cape).
collina Hiern - slender erect annual, 40-120 mm, flowers cream; 7-8; flats, Clanwilliam (Namaqualand).
divaricata (Thunb.) Walp. - simple or branched annual, 50-200 mm, flowers yellow and orange; 7-10; flats and lower slopes, Clanwilliam to Peninsula, Swellendam, George.

gilioides Schltr. - annual, 50-100 mm, flowers yellow or white, with dark reverse; 8-10; middle slopes, Clanwilliam, Ladismith (Namibia, Karoo, Lesotho).
inflata Diels - branched annual, 40-170 mm, flowers mauve and purple; 8-9; shale slopes, Worcester (Karoo, Namaqualand).
maritima (L.f.) Walp. - (drumsticks); perennial to 1 m, flowers white, maroon on reverse; 10-3; coastal dune scrub, George to Port Elizabeth (to Transkei).
muirii Hilliard & B.L. Burtt. - annual occ. perennial, 150-400 mm, flowers white, red on reverse; 7-10; coastal, Cape Infanta to Riversdale.
ovata (Benth.) Walp. - shrub occ. with decumbent stems, to 450 mm, flowers white, reddish on reverse; 11-12; Worcester, Tulbagh, Swartberg Mts. (to OFS and Natal).
peduncularis (Benth.) Walp. - annual, 50-200 mm, flowers yellowish; 10; mid to upper slopes, Clanwilliam, Ceres, Swartberg Mts. (E Cape, Namaqualand).
pseudoafricana Paclt. - (= **Z. africana** (Thunb.) Hiern); pubescent annual, 50-150 mm, flowers purple; 9-10; high alt., Worcester? (E Cape, Karoo).
pusilla (Benth.) Walp. - annual, 50-170 mm, flowers yellow; 5; Clanwilliam, Worcester (Namaqualand).
ramosa Schinz ex Hiern - erect annual, 70-150 mm, flowers ?; coastal slopes, Cape Peninsula (poorly known).
villosa F.W. Schmidt - (drumsticks); pubescent branched annual, 60-300 mm, flowers white or mauve; 6-11; sandy flats or lower slopes, Nieuwoudtville to Caledon (Namaqualand, Karoo).
violacea Schltr. - annual, 30-150 mm, flowers pink or purple; 8-10; karroid lower slopes, Nieuwoudtville to Ceres, Ladismith, Swellendam (W Karoo).

SELAGINACEAE

(See **Scrophulariaceae**)

SOLANACEAE

LYCIUM ca 200 sp - cosmopolitan in warm and temperate regions

afrum L. - (kraal honey-thorn, kraalkriekdoring); shrub or tree with red to black fruits, to 5 m, flowers purple or mauve; 6-11; karroid scrub, Clanwilliam to Port Elizabeth.
cinereum Thunb. - (incl. **L. kraussii** Dunal) (kareebos); shrub with black fruit, 0,5-1,5 m, flowers mauve; 4-10; Worcester, Oudtshoorn (Karoo, E Cape to Natal).
ferocissimum Miers - (= **L. campanulatum** E. Meyer) (slangbessie); shrub with red fruit, to 2 m, flowers bell-shaped, cream and maroon; 5-11; Clanwilliam to Port Elizabeth (W Karoo, E Cape).
horridum Thunb. - (incl. **L. tetrandrum** Thunb.) (boksdoring); shrub with red fruit, to over 2 m, flowers mauve or white; 1-12; Clanwilliam to Malmesbury, Worcester, Ladismith, Port Elizabeth (dry parts of southern Africa).
oxycarpum Dunal - (incl. **L. austrinum** Miers) (kareedoring, wolwedoring); shrub with red fruit, to 2 m, flowers cream with mauve lobes; 7-10; Worcester, Montagu (Karoo).

SOLANUM over 2 000 sp - cosmopolitan

aculeastrum Dunal - (bitter apple, gifappel); straggling spiny shrub, to 3 m, flowers white; 9-1; damp lower slopes, Peninsula, George, Humansdorp (E Cape to Natal).

aculeatissimum Jacq. - spiny larged-leafed shrub, to 1 m, flowers mauve; 6-12; forest margins, Knysna to Uitenhage (pantropical).

aggerum Dunal - scrambler, flowers mauve; 1-2; coastal dunes, George to Humansdorp.

capense L. - spiny shrublet, to 600 mm, flowers white or mauve; 1-5; drier areas but near streams, Swartberg Mts., George to Port Elizabeth (E Cape to Transvaal, Namibia).

coccineum Jacq. - (kleingrysbitterappel); spiny shrublet with thick felted leaves, to 600 mm, flowers mauve; 7-9; dry flats, Worcester, Humansdorp (E Cape to Transvaal).

crassifolium Lam. - shrublet to 300 mm, flowers ?; ?; coastal, Caledon (poorly known).

dasypus E. Meyer - (closely resembles S. guineense L.); erect shrub, flowers mauve; 5-7; flats or lower slopes, Piketberg, Malmesbury (Namaqualand).

giftbergensis Dunal - spiny shrub, to over 1 m, flowers purple, occ. white; 5-9; dry rocky lower slopes, Gifberg, Clanwilliam (Namaqualand).

giganteum Jacq. - (geneesblaarblom); spiny-stemmed robust shrub, to 2 m, flowers mauve; 12-3; flats or lower slopes, Paarl, Peninsula, Knysna to Port Elizabeth (E Cape to tropical Africa and Asia).

guineense L. - erect shrub, to over 1 m, flowers mauve; 11-6; forest margins and coastal slopes, Piketberg to Peninsula, George to Port Elizabeth (E Cape, Karoo).

***hermannii** Dunal - (bitterappel); spiny shrub, to 1 m, flowers purple; 5-12; roadsides, Clanwilliam to Peninsula, Caledon, Humansdorp (E Cape to Natal, worldwide?).

macowanii Fourc. - shrub to 2 m, flowers white; 4; forest, Humansdorp.

***mauritianum** Scop. - (bugtree, grootbitterappel); pubescent shrub or small tree with large felted leaves, to 3 m, flowers purple or mauve; 1-12; widespread in S Cape forests (throughout warmer regions of the world).

***nigrum** L. complex - (nightshade, galbessie, nastergal); erect or sprawling annual or perennial, flowers white; 12-4; disturbed ground (worldwide).

quadrangulare Thunb. ex L.f. - scrambling or prostrate shrub, to 2 m, flowers purple; 12-4; coastal flats, Peninsula to Port Elizabeth.

rigescens Jacq. - (wildelemoentjie); spiny shrublet, to 600 mm, flowers mauve; 8-2; coastal flats and lower slopes, George to Port Elizabeth (southern Africa).

tomentosum L. - (slangappelbos); straggling spiny shrub with felted leaves, to 1 m, flowers purple, occ. white; 3-10; lower to middle slopes, Clanwilliam to Port Elizabeth (S Africa).

STERCULIACEAE

HERMANNIA ca 300 sp - dry tropics and subtropics

alnifolia L. - scrambling shrublet, 0,3-2 m, leaves white below, flowers yellow; 8-10; flats and lower slopes, Clanwilliam to Uniondale (Namaqualand).

althaeifolia L. - (bokkiesblom); pubescent annual or perennial, 100-500 mm, flowers yellow; 8-3; lower to middle slopes, Nieuwoudtville to Uniondale (W Karoo, Namaqualand).

althaeoides Link - shrublet with pubescent leaves, to 750 mm, flowers yellow; 11-7; flats or lower slopes, George to Port Elizabeth (E Cape).

angularis Jacq. - (poprosie); straggling shrublet, 300-900 mm, flowers orange to yellow; 7-10; upper slopes, Worcester, Caledon to Uniondale.

aspera Wendl. - shrub with small rough leaves, to 2 m, flowers yellow; 7-9; dry mid to upper slopes and plateaus, Gifberg to Worcester, Ladismith, Robertson, Caledon to Swellendam.

ciliaris L.f. - prostrate shrublet, to 1 m, flowers yellow; 9-10; sandy flats, Cape Peninsula.

concinnifolia I. Verd. - shrublet with closely-spaced leaves, 150-900 mm, flowers yellow; 8-10; coastal limestone, Bredasdorp to Riversdale.

confusa T.M. Salter - sprawling shrublet with divided leaves, to 600 mm, flowers yellow to reddish; 8-10; river flats or lower slopes, Clanwilliam to Stellenbosch, Caledon to Swellendam.

conglomerata Ecklon & Zeyher - pubescent shrublet, 100-600 mm, flowers yellow; 8; karroid areas, Riversdale to Port Elizabeth (E Cape).

cordifolia Harvey - robust shrub with velvety leaves, to 1 m, flowers yellow?; 7; Piketberg.

cuneifolia Jacq. - (agtdaegeneesbossie); much-branched shrublet, 150-900 mm, flowers yellow to orange; 6-9; flats or lower slopes, Clanwilliam to Peninsula, Worcester, Bredasdorp to Mossel Bay (Namaqualand, Karoo, E Cape, OFS, Lesotho).

decipiens E. Meyer ex Harvey - shrub with thick densely pubescent leaves, to 1 m, flowers yellow?; 4-9; dry mid to upper slopes, Witteberg, Swartberg Mts. (Karoo?).

decumbens Willd. ex Sprengel - sprawling shrublet with leaves often grey, flowers yellow to orange; 8-10; lower mainly coastal slopes, Malmesbury, Peninsula to George, Montagu.

denudata L.f. - erect shrub with smooth leaves, to 2 m, flowers yellow to red; 8-9; lower to middle slopes, Lokenburg, Cedarberg (W Karoo).

desertorum Ecklon & Zeyher - much-branched shrublet, to 600 mm, flowers yellow; 6-9; dry middle slopes, Clanwilliam, Swartberg Mts. (Namaqualand, Karoo, Namibia).

diffusa L.f. - prostrate shrublet with pinnately-divided leaves, woody below, flowers yellow or orange; 8-10; flats and lower slopes, Malmesbury, Peninsula to Caledon.

disticha Schrader - rough-leafed shrublet, 500-900 mm, flowers yellow; 5, 9; rocky ravines, Montagu.

diversistipula Presl ex Harvey - erect shrublet with velvety leaves, 150-300 mm, flowers reddish; 8-10; flats and lower slopes, Tulbagh, Malmesbury to Uniondale.

filifolia L.f. - much-branched erect or straggling shrublet, flowers red, occ. yellow; 7-4; dry lower slopes, Ceres, Worcester to Humansdorp, Little Karoo (Karoo, OFS).

flammea Jacq. - (granny bonnets, poprosie); shrublet to 650 mm, flowers dark red, occ. yellow; 4-1; flats or lower slopes, Paarl, Caledon to Port Elizabeth (E Cape).

flammula Harvey - (poprosie); shrublet, 250-900 mm, flowers red; 2-9; lower slopes, Caledon to Uniondale, Little Karoo.

grossularifolia L. - (= Mahernia vesicaria DC.); erect or sprawling shrublet with inflated fruits, to 400 mm, flowers yellow; 8-9; mountain slopes, Paarl to Peninsula, Caledon.

helicoidea I. Verd. - slender much-branched shrublet, flowers yellow?; 8-9; lower slopes, Clanwilliam.

heterophylla (Cav.) Thunb. - sprawling shrublet, to 400 mm, flowers cream or dull pink; 8-9; flats or lower slopes, Clanwilliam (Namaqualand?).

hispidula Reichb. - rough-leafed shrublet, to 300 mm, flowers yellow; 9-11; middle slopes, Piketberg.

holosericea Jacq. - velvety shrub, 0,3-1,2 m, flowers yellow; 3-9; coastal limestone to middle inland slopes, Bredasdorp, Montagu to Oudtshoorn, Mossel Bay to Uitenhage (E Cape).

humifusa Hochr. - sprawling shrublet with divided leaves, flowers purplish; ?; sandy slopes, Saldanha to Paarl.

hyssopifolia L. - (agtdaegeneesbossie, pokkiesblom); shrub or shrublet, 0,15-2 m, flowers yellow to cream; 8-10; slopes and flats, Ceres, Worcester, Peninsula to Port Elizabeth.

incana Cav. - grey-leafed shrub, to 2 m, flowers yellow; 8-10; dry lower to middle slopes, Worcester to Oudtshoorn, Peninsula to George (Karoo).

involucrata Cav. - golden-yellow shrub, to over 1 m, flowers yellow to orange; 4-10; shaded lower slopes, Ladismith, Humansdorp, Uniondale.

joubertiana Harvey - wiry shrublet, 300-900 mm, flowers red, occ. yellow; 9-11; sandy coastal flats, Caledon to George.

lacera (E. Meyer ex Harvey) Fourc. - slender trailing perennial with divided leaves, flowers yellow fading to red; Uitenhage (E Cape?).

lavandulifolia L. - spreading shrublet with velvety grey leaves, 0,3-1,2 m, flowers yellow to orange; 8-10; lower coastal slopes, Caledon to Mossel Bay.

linifolia Burm. f. - sprawling or prostrate perennial, flowers yellow to orange; 10-11; sandy flats and coastal dunes, Piketberg to Peninsula.

micrantha Adamson - low shrublet, 150-200 mm, flowers yellow; 8-9; lower slopes, Cape Peninsula.

mucronulata Turcz. - shrub with velvety grey leaves, to over 1 m, flowers yellow to orange; 9-10; mountain slopes, Humansdorp, Uitenhage (E Cape).

muirii Pill. ex I. Verd. - more or less prostrate woody shrublet, flowers white fading pink; 1-2; coastal sand, Riversdale, Uniondale.

multiflora Jacq. - (gannabos, pleisterbos); much-branched shrub, to 750 mm, flowers yellow to orange; 7-10; flats and lower slopes, Gifberg to Peninsula, Caledon.

muricata Ecklon & Zeyher - flexuose shrublet, to 200 mm, flowers yellow to orange; 6-11; river valleys, Clanwilliam, Piketberg, Worcester to Uniondale (Karoo, Namaqualand).

odorata Aiton - shrub with grey velvety leaves, to 900 mm, flowers yellow; 6-3; upper slopes, Clanwilliam, Ceres, Witteberg to Uniondale (Karoo).

paucifolia Turcz. - (goewermentsbossie, lakseerbossie); shrublet with divided leaves, 200-300 mm, flowers yellow-orange; 3-9; arid areas, Worcester (Karoo, Namaqualand, Namibia).

pillansii Compton - much-branched, pubescent shrublet, flowers yellow to orange?; 9-11; dry upper slopes, Witteberg Mts.

pinnata L. - (= **Mahernia verticillata** L.); sprawling shrublet with narrow tufted leaves, stems to 1 m, flowers yellow; 9-10; sandy flats, Cape Peninsula.

prismatocarpa E. Meyer ex Harvey - sprawling grey-leafed shrublet, flowers yellow; 6-9; lower sandy slopes, Clanwilliam to Peninsula.

procumbens Cav. - prostrate shrublet with divided leaves, flowers yellow; 7-9; sandy coastal flats, Clanwilliam to Peninsula.

pulverata Andrews - silver-leafed shrublet with divided leaves, to 300 mm, flowers yellow fading reddish; 3-10; karroid mountain slopes, Worcester, Ladismith to Port Elizabeth (Karoo, N Cape, OFS).

repetanda I. Verd. - slender shrublet, to 300 mm, flowers yellow; 9-10; upper slopes, Piketberg, Clanwilliam.

rigida Harvey - shrub to 1 m, flowers yellow fading reddish; 8-12; rocky ridges, Clanwilliam (Namaqualand).

rudis N.E. Br. - erect or spreading shrublet, to 400 mm, flowers yellow to orange; 5-10; flats and lower slopes, Peninsula to Swellendam.

rugosa Adamson - shrublet, 300-600 mm, flowers yellow to red; 8-10; flats and lower slopes, Paarl to Peninsula.

saccifera (Turcz.) K. Schum - (= **Mahernia ovalis** Harvey) (komynbossie); erect or sprawling woody shrublet, to 300 mm, flowers yellow; 7-10; lower coastal slopes, Bredasdorp to Uitenhage.
salviifolia L.f. - variable shrub with roughly pubescent leaves, to over 1 m, flowers yellow to orange; 1-12; coastal flats or lower slopes, Peninsula to Port Elizabeth.
scabra Cav. - erect or spreading shrublet, to 600 mm, flowers yellow fading reddish; 7-9; middle slopes, Gifberg, Clanwilliam to Malmesbury.
scabricaulis Salter - prostrate perennial, to 900 mm, flowers dull pink; 9-10; sand flats, Cape Peninsula.
scordifolia Jacq. - sprawling shrub with leaves grey below, to 1 m, flowers yellow; 7-9; usually in coastal sand, Gifberg, Clanwilliam to Malmesbury (W Karoo).
sisymbrifolia Hochr. - slender shrublet with divided leaves, flowers small, white or pale pink; 9-11; upper slopes, Cedarberg Mts.
stipulacea Lehm. ex Ecklon & Zeyher - erect or sprawling shrublet, to 300 mm, flowers yellow?; 9-11; dry lower slopes, Montagu, Oudtshoorn, Riversdale to Uitenhage.
suavis Presl ex Harvey - spreading shrublet with grey velvety leaves, to 300 mm, flowers yellow; 9-11; coastal grassland, Uitenhage, Port Elizabeth (E Cape).
ternifolia Presl ex Harvey - sprawling or prostrate shrublet with grey velvety leaves, flowers yellow to orange; 7-10; sand dunes or coastal limestone, Malmesbury, Peninsula to Bredasdorp.
trifoliata L. - (tandebossie); sprawling shrublet with densely ranked grey velvety leaves, 150-300 mm, flowers orange to red; 4, 8-9; coastal limestone, Bredasdorp to Riversdale.
trifurca L. - (koerhassie); twiggy shrub, to 1 m, flowers pink to purple; 8-10; flats or lower slopes, Clanwilliam to Malmesbury, Ceres, Worcester (Namaqualand, Namibia).
velutina DC. - erect shrub with grey velvety leaves, to 3 m, flowers yellow; 8-9; flats and slopes, Humansdorp to Port Elizabeth (E Cape to Natal).
veronicifolia (Ecklon & Zeyher) Hochr. - (rooiopslag); sprawling shrublet, to 600 mm, flowers yellow; 9-10; limestone hills, Uitenhage (E Cape).

STERCULIA ca 300 sp - pantropical

alexandri Harvey - (Kaapse sterkastaiing); small tree with horizontal branches, flowers greenish; 5-7; riverbanks in forest, Port Elizabeth (E Cape).

STILBACEAE

CAMPYLOSTACHYS 2 sp - S W Cape

cernua (L.f.) Kunth - ericoid shrublet, 150-800 mm, flowers white; 11-3; lower slopes, Peninsula to Caledon, Bredasdorp.
sp - shrublet, 300-600 mm, flowers pink; 8-11; upper slopes, Paarl.

EURYLOBIUM 2 sp - S W Cape

serrulatum Hochst. - ericoid shrub, to over 1 m, flowers white; 1-2; upper mountain slopes, Caledon.
sp - slender straggling shrublet, flowers pale mauve; 9-10; rock crevices at high alt., Ceres.

EUTHYSTACHYS 1 sp - S W Cape

abbreviata A. DC. - ericoid shrublet, to 300 mm, flowers ?; ?; mid to upper slopes, Paarl (poorly known).

STILBE 6 sp - S W and S Cape

albiflora E. Meyer - low ericoid shrublet, to 350 mm, flowers white; 11-2; coastal flats to middle mountain slopes, Clanwilliam to Paarl, Caledon, Swellendam.
ericoides L. - erect or straggling shrub, 150-800 mm, flowers pink or mauve; 4-9; sandy flats or limestone hills, Malmesbury, Peninsula to Swellendam, Uitenhage.
mucronata N.E. Br. - sturdy shrub, to 1 m, flowers grey-mauve; 5-10; rock crevices at mid to high alt., Caledon to Swellendam.
phylicoides A. DC. - ericoid shrublet, 300-600 mm, flowers white; 10-11; mountain slopes, Swellendam, Riversdale.
rupestris Compton - dwarf shrublet with grey needle-like leaves, 100-400 mm, flowers pink to white; 12-4; rock crevices on mountain slopes, Caledon.
vestita Bergius - rigid shrub, to 1 m, flowers white; 7-4; lower to middle slopes, Worcester, Peninsula to Swellendam.

XEROPLANA 2 sp - S W and S Cape

gymnopharyngia Rourke - dense sprawling shrublet, to 300 mm, flowers pink; 10-11; middle slopes, Riviersonderend Mts.
zeyheri Briq. - rounded shrublet, 300-500 mm, flowers mauve; 7-10; lower slopes, Caledon.

THYMELAEACEAE

CRYPTADENIA 5 sp - S W Cape

breviflora Meissner - ericoid shrublet, 200-450 mm, flowers pink; 11-5; flats and lower slopes, Peninsula, Caledon.
filicaulis Meissner - much-branched sprawling or erect shrublet, flowers pink and white, small; 11-5; coastal flats to upper inland slopes, Caledon, Bredasdorp, Ceres.
grandiflora (L.f.) Meissner - ericoid shrublet, 200-400 mm, flowers pink or white; 9-12; flats and lower slopes, Malmesbury, Peninsula to Bredasdorp.
laxa C.H. Wright - shrublet to 300 mm, flowers white; 10-12; middle slopes, Caledon, Bredasdorp.
uniflora (L.) Meissner - ericoid shrublet, 200-350 mm, flowers pink or white; 8-10; sandy flats or lower slopes, Piketberg to Peninsula.

GNIDIA ca 150 sp - mainly Africa, also Madagascar and India
(incl. **Lasiosiphon**)

albicans Meissner - lax silvery shrub, to 2 m, flowers cream; 5-11; mountain slopes, Ceres, Worcester, Paarl, Peninsula to Bredasdorp.
anomala Meissner - lax silvery shrublet, 1-2 m, flowers cream; 9-12; lower but occ. upper slopes, Peninsula to Knysna.
anthylloides (L.f.) Gilg - shrub or shrublet, 300-900 mm, flowers yellow; 1-12; coastal scrub or grassland, Mossel Bay to Port Elizabeth (E Cape to Transvaal).
caniflora Meissner - twiggy shrublet, to 450 mm, flowers cream; 4-7; lower slopes, Gifberg, Swellendam, Riversdale.

capitata L.f. - (gifbossie, kerrieblom); many-stemmed shrublet, to 700 mm, flowers yellow; 10-2; Humansdorp, Uitenhage (E Cape to Transvaal).
chrysophylla Meissner - silvery shrublet, to 600 mm, flowers cream; 6-9; coastal flats, Caledon to Riversdale.
coriacea Meissner - branched and many-stemmed shrublet, to 300 mm; flowers yellow; 10-4; middle slopes, Humansdorp to Port Elizabeth (E Cape).
cuneata Meissner - (koorsbossie); silky-leafed shrub, to 1 m, flowers ochre; 3-7; lower slopes, Humansdorp to Port Elizabeth (E Cape to Natal).
denudata Lindley - graceful shrub, to 4 m, flowers yellow; 8-1; coastal forest, Swellendam to Humansdorp.
deserticola Gilg - (saffraan); much-branched twiggy shrub, to 300 mm, flowers dark yellow; 1-12; dry flats to middle slopes, Nieuwoudtville to Worcester, Ladismith (Karoo, E Cape).
ericoides C.H. Wright - dwarf shrublet with spiky leaves, flowers greenish; 6-9; lower slopes, Swellendam, Riversdale.
fourcadei M. Moss - slender branched shrublet, to 200 mm, flowers yellow; mainly 9-10; lower slopes, Caledon to Uniondale.
francisci Bolus - slender many-stemmed shrublet, 200-600 mm; 11-4; mountain slopes, Mossel Bay, Oudtshoorn.
galpinii C.H. Wright - low shrublet with slender flexuose branches, flowers yellow; 9-5; damp middle slopes, Caledon to Riversdale.
geminiflora E. Meyer ex Meissner - shrub to 600 mm, flowers cream; 6-12; mountain slopes, Gifberg to Tulbagh, Malmesbury (Namaqualand).
humilis Meissner - softly pubescent shrublet, 150-300 mm, flowers bright yellow; 10-3; upper slopes, Peninsula, Caledon.
imbricata L.f. - silvery shrub, 300-900 mm, flowers cream; 6-1; flats and lower slopes, Clanwilliam to Peninsula (Namaqualand).
inconspicua Meissner - low spreading shrublet, to 200 mm, flowers pale yellow; 9-12; flats and lower slopes, Cape Peninsula.
insignis Compton - handsome large-leafed shrub, to 750 mm, flowers yellow; 9-10; mid to upper slopes, Paarl.
juniperifolia Lam. - erect or spreading shrub, to 500 mm, flowers yellow; 1-12; mountain slopes, Paarl, Peninsula to Riversdale.
laxa (L.f.) Gilg - much-branched shrub, to 1 m, flowers yellow to brown, inconspicuous; 1-12; lower slopes, Stellenbosch, Peninsula to Swellendam.
linearifolia (Wikstrom) Peterson - shrublet to 300 mm, flowers pink to magenta; 9-12; mountains, Caledon, Bredasdorp.
linoides Wikstrom - slender many-stemmed shrublet, 150-250 mm, flowers white; 10-3; Worcester, Paarl, Peninsula to Riversdale (Transvaal).
meyeri Meissner - spreading slender shrublet, to 300 mm, flowers cream; 8-10; Clanwilliam to Malmesbury (Namaqualand).
nana (L.f.) Wikstrom - (= G. sericea L.) (brandbossie); shrub or small tree, 1-3 m, flowers cream; 1-12; Worcester?, Oudtshoorn?, Peninsula to Port Elizabeth (E Cape).
nitida Bolus ex C.H. Wright - silvery shrublet, flowers cream; 3-10; upper slopes, Montagu, Witteberg, Ladismith (Namaqualand).
nodiflora Meissner - shrublet to 300 mm, flowers cream; 7-12; coastal bush, Mossel Bay to Port Elizabeth (E Cape to Natal).
obtusissima Meissner - shrub to 300 mm, flowers cream; 9-10; mountain slopes, Caledon?, Riversdale to Uitenhage (E Cape, Namaqualand).
oppositifolia L. - erect shrub, 1-3 m, flowers pale yellow; 1-12; mountain slopes, Clanwilliam to Port Elizabeth (E Cape, Transkei).
orbiculata C.H. Wright - shrub to over 1 m, flowers yellow or cream; 1-8; near water, George, Uniondale (E Cape).

parviflora Meissner - branched shrublet, to 200 mm, flowers yellow; 9-10; Piketberg to Peninsula, Caledon.
parvula Wolley-Dod - low shrublet, to 300 mm, flowers yellowish; 8-11; lower slopes, Durbanville, Peninsula.
penicillata Lichtenst. ex Meissner - erect shrublet, 100-400 mm, flowers bright blue; 8-5; marshy lower slopes, Paarl, Peninsula to Caledon.
pinifolia L. - erect shrub, to 1 m, flowers white; 1-12; flats to middle slopes, Piketberg to Uniondale (E Cape to Transvaal).
racemosa Thunb. - shrublet to 600 mm, flowers pale yellow; 9-11; riverbanks, Riversdale to Uitenhage (E Cape).
scabra Thunb. - shrublet to 300 mm, flowers yellowish; 9-4; mid to upper slopes, Worcester, Witteberg, Ladismith, Swellendam (Karoo).
scabrida Meissner - sparsely branched shrub, to over 1 m, flowers yellowish; 7; middle slopes, Worcester, Caledon to George.
setosa (Thunb.) Wikstrom - low shrub, to 300 mm, flowers yellow; 9; lower slopes, Caledon to Riversdale.
simplex L. - much-branched shrublet, to 300 mm, flowers yellow; 11-4; mountain slopes, Peninsula to Swellendam.
sonderiana Meissner - slender shrublet, flowers ?; 7; Caledon (poorly known).
spicata (L.f.) Gilg - slender simple or branched shrublet, 300-800 mm, flowers cream; 8-10; flats, Paarl, Malmesbury, Peninsula to Bredasdorp.
squarrosa (L.) Druce - (= **G. polystachya** Bergius); much-branched shrub, to over 1 m, flowers green-yellow with pink flush; 6-10; coastal limestone or sandy slopes, Peninsula to Port Elizabeth (E Cape, Natal).
strigillosa Meissner - (identity uncertain); dwarf shrub, to 150 mm, flowers cream; 6; grassy lower slopes, Swellendam (E Cape).
struthioloides M. Moss ms. - shrublet to 300 mm, flowers greenish-yellow; 6; coastal flats, Humansdorp.
styphelioides Meissner - (incl. **G. quadrifaria** C.H. Wright); erect or spreading shrublet, to 300 mm, flowers yellow; 8-4; lower to middle slopes, Humansdorp to Port Elizabeth (E Cape).
tomentosa L. - shrub to 1 m, flowers white; 1-12; mid to upper slopes, Worcester, Paarl, Peninsula, Caledon.
vesiculosa Ecklon & Zeyher - robust dwarf shrub, to 200 mm, flowers white; 7-10; marshy flats and lower slopes, Caledon, Bredasdorp.

LACHNAEA ca 29 sp - S W Cape

alpina Meissner - woody shrublet, to 300 mm, flowers mauve-blue or white; 11-1; rock crevices at high alt., Tulbagh, Ceres.
ambigua Meissner - slender shrublet, to 450 mm, flowers white; 9-12; damp usually upper slopes, Paarl, Worcester, Caledon.
aurea Ecklon & Zeyher ex Meissner - slender shrub, to 1 m, flowers yellow; 6-9; low coastal slopes, Caledon, Bredasdorp.
axillaris Meissner - slender flexuose shrublet, to 600 mm, flowers cream; 1-12; lower slopes, Swellendam, Riversdale.
burchellii Meissner - nearly prostrate shrublet, 150-250 mm, flowers white, fading pink; 9-5; mountain slopes, George to Port Elizabeth.
buxifolia Lam. - erect shrub, to 1 m, flowers white; 9-12; mid to upper slopes, Paarl, Tulbagh, Ceres, Worcester, Witteberg and Swartberg Mts.
capitata (L.) Meissner - slender branched shrub, to over 1 m, flowers cream; 1-12; flats and lower slopes, Clanwilliam to Peninsula, Caledon.
densiflora Meissner - shrub to 300 mm, flowers white or pink; 9-1; flats and lower slopes, Peninsula to Bredasdorp.

diosmoides Meissner - much-branched shrub, to 1 m, flowers white; 1-12; lower slopes, Ceres, Worcester, Oudtshoorn, Swellendam to Uitenhage.
elegans Compton - slender shrublet, to 300 mm, flowers white tipped with pink; 9-10; Ceres? (exact locality not known).
ericoides Meissner - much-branched shrublet, 100-250 mm, flowers white; 10-6; lower slopes, Swellendam, Riversdale.
eriocephala L. - erect shrublet, to 400 mm, flowers white; 7-11; lower slopes, Malmesbury, Stellenbosch, Caledon.
filamentosa (Thunb.) Meissner - (bergaster); attractive shrub, to 1 m, flowers white and pale blue; 8-12; upper slopes, Cedarberg, Tulbagh.
funicaulis Schinz - slender shrublet, to 300 mm, flowers white; 11-3; mid to upper slopes, Clanwilliam, Ceres, Caledon.
globulifera Meissner - slender erect shrublet, to 600 mm, flowers pink or white; 7-12; mountain slopes, Clanwilliam, Ceres, Worcester.
glomerata Fourc. - dwarf shrublet, to 200 mm, flowers white; 9; lower slopes, Humansdorp.
gracilis Meissner - (resembles **L. diosmoides**); to 1 m, flowers white; ?; middle slopes, Hex River Mts.
laniflora (C.H. Wright) Bond - compact shrub, to 300 mm, flowers white; 10-1; rock crevices at high alt., Cedarberg, Ceres, Tulbagh.
macrantha Meissner - woody shrublet, to 300 mm, flowers white or pinkish; 11-1; rock ledges at high alt., Paarl to Caledon, Swellendam.
marlothii Schltr. - low spreading shrub, to 150 mm, flowers white; 12; rocks at high alt., Ceres.
micrantha Schltr. - much-branched spreading shrublet, to 400 mm, flowers cream; 6-1; lower limestone slopes, Bredasdorp to Riversdale.
naviculifolia Compton - erect shrublet, to 450 mm, flowers white fading purple; 7-10; high rocky slopes, Cedarberg, Ceres.
nervosa (Thunb.) Meissner - erect shrub, to over 300 mm, flowers cream; 10; forest margins, Swellendam.
passerinoides N.E. Br. - much-branched flexuose shrublet, 100-250 mm, flowers white; 4-9; mountain slopes, Swellendam, Riversdale.
penicillata Meissner - slender branched shrublet, to 250 mm, flowers white; 9-1; mountain slopes, Clanwilliam, Tulbagh, Ceres, Swellendam to Mossel Bay.
purpurea Andrews - (bergangelier); erect shrublet, to 300 mm, flowers purple; 9-10; lower slopes, Tulbagh, Worcester?.
ruscifolia Compton - erect shrub, to 600 mm, flowers white; 1-8; mid to upper slopes, Ladismith.
striata (Lam.) Meissner - shrublet to 300 mm, flowers white, fading pink; 9-1; mid to upper slopes, Clanwilliam, Tulbagh, Worcester.
sp - intricately branched dwarf shrub, flowers white; 9-11; dry upper slopes, Witteberg.
sp - sprawling much-branched shrublet, to 300 mm, flowers red; 8-10; rocky upper slopes, Riviersonderend Mts.

PASSERINA ca 18 sp - southern Africa, 1 in Namibia and 1 in Zimbabwe

burchellii Thoday - ericoid shrublet, to 300 mm, flowers pink; 1-2; rocky upper slopes, Caledon, Worcester.
comosa C.H. Wright - ericoid shrublet, to 300 mm, flowers green or brown; 9-11; renosterveld flats or slopes, Ceres, Worcester, Montagu (Namaqualand, Karoo).
ericoides L. - (Christmas berry, dronkbessie); shrub with drooping branches, to 1 m, fruit a scarlet berry, 11-2; flowers greenish; 10-11; sand dunes, Peninsula to Caledon.

falcifolia C.H. Wright - shrub or small tree, 2-6 m, flowers reddish; 8-11; forest margins, coastal to middle alt., Mossel Bay to Port Elizabeth.
filiformis L. - (gonnabos, fyntaaibos, bakbossie); erect or pendulous ericoid shrub, to 2 m, flowers reddish; 9-11; flats and slopes, Clanwilliam to Humansdorp (E Cape to Natal, Swaziland).
galpinii C.H. Wright - ericoid shrub, to 400 mm, flowers green or reddish; 8-9; coastal flats, Bredasdorp to Mossel Bay.
glomerata Thunb. - ericoid shrub, 1-2 m, flowers cream to reddish; 9-11; mountain slopes, Piketberg, Clanwilliam to Worcester, Witteberg (Namaqualand).
obtusifolia Thoday - ericoid shrub, to 2 m, flowers reddish; 9-12; mid to upper slopes, Clanwilliam, Worcester, Witteberg, Swartberg Mts. to Humansdorp (E Cape).
paleacea Wikstrom - ericoid shrub, 0,3-1 m, flowers green to yellow; 8-10; sandy flats to lower slopes, Malmesbury, Peninsula to Bredasdorp.
paludosa Thoday - ericoid shrub, to 2 m, flowers yellow?; 11; marshy flats, Cape Peninsula.
pendula Ecklon & Zeyher ex Meissner - ericoid shrub, to 300 mm, flowers yellow to reddish; 9-11; lower to middle slopes, Humansdorp to Port Elizabeth.
rigida Wikstrom - (gonnabas, seekoppies gonna); robust ericoid shrub, to 2 m, flowers reddish; 9-11; sand dunes, Peninsula to Port Elizabeth (to Natal).
rubra C.H. Wright - ericoid shrub, to 1 m, flowers red; 7-10; lower slopes, Swellendam to Port Elizabeth (E Cape).
vulgaris Thoday - ericoid shrub, to 3 m, flowers reddish; 9-11; flats and lower slopes, Worcester, Tulbagh, Peninsula to Port Elizabeth (E Cape to Natal, Karoo).
sp - much-branched dwarf shrub, flowers red; 11; rocky upper slopes, Uniondale.
sp - much-branched low shrub, to 300 mm; 11-12; upper slopes, Swartberg Mts.

STRUTHIOLA ca 40 sp - southern and S tropical Africa, mainly S W Cape

argentea Lehm. - (aandgonna, roemenaggie); shrublet to 600 mm, flowers yellowish; 5-12; coastal flats or lower slopes, Stellenbosch, Oudtshoorn, Caledon to Port Elizabeth (E Cape).
bachmanniana Gilg - shrublet, flowers yellow; flats, Malmesbury (poorly known).
ciliata (L.) Lam. - (incl. S. virgata L.) (katstertjie, roemenaggie, stroopbossie); variable shrub, to over 1 m, flowers white or pink; 1-12; flats and slopes, Clanwilliam to Port Elizabeth.
confusa C.H. Wright - slender shrublet, to 300 mm, flowers cream; 9-10; lower slopes, Tulbagh, Worcester.
dodecandra (L.) Druce - shrub to 600 mm, flowers white or pink; 6-1; flats and lower slopes, Worcester, Paarl to Peninsula, Caledon (E Cape?).
eckloniana Meissner - shrub to over 2 m, flowers white, occ. flushed pink; 1-12; damp middle slopes, Caledon to Uniondale.
ericoides C.H. Wright - shrublet to 300 mm, flowers yellowish; 7-12; mountain slopes, Oudtshoorn, Riversdale, George.
fasciata C.H. Wright - shrublet to 250 mm, flowers yellow; 1-8; flats or lower slopes, Swellendam to Mossel Bay.
garciana C.H. Wright - shrub to 600 mm, flowers cream or pinkish; 3-8; forest margins and middle slopes, Swellendam to Humansdorp.
hirsuta Wikstrom - shrub to 2 m, flowers white; 10-7; streambanks on lower slopes, Riversdale to Humansdorp.
leptantha Bolus - shrub to 1 m, flowers cream, occ. reddish; 6-10; mountain slopes, Nieuwoudtville, Cedarberg to Malmesbury (Namaqualand).
lineariloba Meissner - slender shrublet, to 300 mm, flowers red; 9-10; upper slopes, Clanwilliam.

macowanii C.H. Wright - shrub to 700 mm, flowers white to reddish; 12-8; mountain slopes, Riversdale to Port Elizabeth (E Cape).
martiana Meissner - (= **S. fourcadei** Compton); shrub, 300-900 mm, flowers white or pinkish; 10-5; upper slopes, Caledon, Swellendam to Uniondale.
mundii Ecklon ex Meissner - shrublet to 600 mm, flowers yellow; 8-10; lower slopes, Tulbagh, Caledon.
myrsinites Lam. - lax shrub, to 2 m, flowers white or pale pink; 1-12; widespread in sandy soils, Gifberg to Port Elizabeth (E Cape).
parviflora Bartling ex Meissner - straggling shrublet, to 600 mm, flowers yellowish; 1-12; flats or lower slopes, Riversdale to Port Elizabeth (E Cape).
pillansii Hutch. - shrublet to 300 mm, flowers cream to reddish; 6-9; Ceres, Worcester.
rigida Meissner - shrublet to 300 mm, flowers yellowish; 5-10; lower slopes, Swellendam, Riversdale.
salteri Levyns - shrublet to 1 m, flowers cream; 6-11; lower slopes, Peninsula, Caledon, Bredasdorp.
striata Lam. - (katstertjie, roemenaggie, veertjie); shrub to 1 m, flowers cream or pinkish; 9-6; flats and lower slopes, Peninsula to Mossel Bay, Uitenhage?.
tetralepis Schltr. - shrublet to 300 mm, flowers reddish; 10-2; lower to middle slopes, Paarl, Caledon.
tomentosa Andrews - (roemenaggie); pubescent shrublet, to 450 mm, flowers yellowish; 1-12; lower slopes, occ. high alt., Caledon to Swellendam.
tuberculosa Lam. - shrublet to 600 mm, flowers white; 7-11; lower fynbos slopes, George to Port Elizabeth.

TILIACEAE

GREWIA ca 150 sp - palaeotropical

occidentalis L. - (buttonwood, kruisbessie); shrub or small tree with yellow 4-lobed fruits, 2-6 m, flowers mauve; mainly 10-12; forest margins, Peninsula to Port Elizabeth (E Cape to tropical Africa).

SPARMANNIA 7 sp - Africa, Madagascar

africana L.f. - (Cape stock-rose, Kaapse stokroos); small tree, to 4 m, flowers white; 6-11; forest margins, Caledon, George to Port Elizabeth (E Cape).

ULMACEAE

CELTIS ca 80 sp - more or less cosmopolitan

africana Burm. f. - (white stinkwood, witstinkhout); deciduous tree, to 15 m, fruits small, green, 1-4; flowers inconspicuous, greenish; 9; forest, Peninsula to Port Elizabeth (E Cape to tropical Africa).

URTICACEAE

AUSTRALINA ca 10 sp - Africa and Australasia

acuminata Wedd. - (= **A. caffra** (Thunb.) Fourc.); annual to 600 mm, flowers small, greenish; 11; forest or damp areas, Knysna, Uitenhage (to tropical Africa).
capensis Wedd. - slender branched annual, 100-300 mm, flowers inconspicuous, greenish; 8-11; forest or damp shade, Clanwilliam to Peninsula, Knysna (Namaqualand, Namibia).

lanceolata (Thunb.) N.E. Br. - erect or straggling annual, 200-450 mm, flowers greenish; 7-10; shady coastal flats, Clanwilliam to Peninsula (Namaqualand).
paarlensis N.E. Br. - prostrate annual, flowers inconspicuous, greenish; 8; lower slopes, Paarl.
procumbens N.E. Br. - prostrate annual, branches to 300 mm, flowers inconspicuous, greenish; 8-10; Clanwilliam, Malmesbury (W Karoo).

DROGUETIA ca 12 sp - Africa, Arabia, Madagascar and E Indies

thunbergii N.E. Br. - prostrate creeping perennial, flowers inconspicuous, greenish; 12; forest floor, Swellendam (Natal).

FORSSKAOLEA 6 sp - Africa, Arabia, India

candida L.f. - red-stemmed perennial with leaves silvery below, 150-450 mm, flowers white; 1-12; disturbed soil, Riversdale? (Namaqualand to dry tropical Africa).

LAPORTEA ca 15 sp - cosmopolitan

caffra Chew - annual to 400 mm, leaves with stinging hairs; 3; forest margin, George (Natal).
grossa (Wedd.) Chew - soft perennial, leaves with stinging hairs, to 1 m; 12-2; damp shade, Knysna, Uitenhage (E Cape to tropical E Africa).
peduncularis (Wedd.) Chew - (= **F. mitis** Wedd.); scrambling perennial, to over 1 m, leaves with stinging hairs; 1-3; damp shade, Knysna, Uitenhage (to E Africa).

VAHLIACEAE

VAHLIA ca 4 sp - Africa, S W Asia and N W India

capensis (L.f.) Thunb. - spreading or erect annual or perennial, 30-550 mm, flowers yellow; 10-12; Clanwilliam, Worcester, Malmesbury (S and tropical Africa).

VALERIANACEAE

VALERIANA ca 200 sp - north temperate and tropical mountains

capensis Thunb. - (Cape valerian, wildebalderjan); erect or straggling perennial, 300-700 mm, flowers white, occ. blue or pink; 8-2; damp mountain slopes Peninsula to Uitenhage (S and tropical Africa).

VALERIANELLA ca 80 sp - S Africa, Eurasia

eriocarpa Desv. - annual, 100-300 mm, flowers white, occ. pink; 10; lower slopes, Swellendam.

VERBENACEAE

CHASCANUM ca 23 sp - Africa

cernuum (L.) E. Meyer - much-branched shrublet, 300-600 mm, flowers white often tinged pink or mauve; 4-9; flats and lower slopes, often on limestone, Peninsula to Riversdale, Ladismith, Uitenhage (E Cape to Natal).

dehiscens (L.f.) Mold. - much-branched shrublet, to 450 mm, flowers white; 8-11; dry slopes, Mossel Bay, Ladismith to Humansdorp (E Cape to Natal, Karoo).
integrifolium (H. Pearson) Mold. - shrublet to 300 mm, flowers white; 10-11; Knysna.

VIOLACEAE

HYBANTHUS ca 150 sp - cosmopolitan

capensis (Thunb.) Engl. - (lady's slipper); low perennial, to 150 mm, flowers white or lilac; 11-5; grassland, Humansdorp, Uitenhage (E Cape to Transvaal).

VIOLA ca 500 sp - cosmopolitan

decumbens L.f. - prostrate or erect sometimes woody perennial, 80-250 mm, flowers purple or violet; 7-12; mountain slopes, Worcester, Paarl, Peninsula to Caledon.

VISCACEAE

VISCUM ca 100 sp - Old World, mainly tropical

capense L.f. - (lidjiestee, voëlent); leafless woody parasite with translucent berry fruits, to 500 mm, flowers yellowish; 6-10; parasitic on woody shrubs, Clanwilliam to Uitenhage (to tropical Africa).
continuum E. Meyer ex Sprague - leafless woody parasite, berries greenish-white; mainly 7-8; parasitic on **Acacia**, Little Karoo (E Cape).
minimum Harvey - minute leafless parasite with scarlet berries; 6-7?; parasitic on **Euphorbia**, Uitenhage (E Cape).
obscurum Thunb. - leafy woody parasite, to 1 m, berries whitish or pink; 5-6; parasitic on trees, Swellendam to Port Elizabeth (E Cape, Natal).
pauciflorum L.f. - leafy woody parasite, to 750 mm, berries orange; 4-10; parasitic on **Euclea**, **Maytenus** and **Rhus**, Tulbagh, Paarl, Peninsula? (Namaqualand).
rotundifolium L.f. - (voëlent); leafy woody parasite, to 500 mm, berries red; 2-5; parasitic on trees, Clanwilliam to Peninsula, Robertson, Riversdale to Port Elizabeth (Namaqualand, E Cape to tropical Africa).

VITACEAE

CYPHOSTEMMA ca 150 sp - pantropical and subtropical

cirrhosum (Thunb.) Descoings ex Wild & R. Drumm. - (droog-my-keel, wildedruif); vigorous climber with hairy red fruits; flowers pale green; 11-2; forest and coastal bush, Humansdorp, Uitenhage (E Cape to tropical Africa, Namibia).

RHOICISSUS ca 12 sp - tropical and S Africa

digitata (L.f.) Gilg & Brandt - (bobbejaandruif, wildepatat); woody scrambling climber with shiny black fruit; 8; flowers greenish; 3-4; coastal riverine forest, Swellendam to Port Elizabeth (E Cape to tropical Africa).
tomentosa (Lam.) Wild & R. Drumm. - (wild grape, monkeyrope, bosdruif); vigorous climber with dark red fruit; 2-3; flowers woolly, brown; 11-12; forested kloofs, Peninsula, Swellendam to Port Elizabeth (to tropical Africa).

tridentata (L.f.) Wild & R. Drumm. - (bobbejaantou, wildedruif); variable shrub or climber with black fruit; 12; flowers greenish; 3-5; dune scrub and forest, Swellendam, Uitenhage (E Cape to tropical Africa).

ZYGOPHYLLACEAE

SEETZENIA 2 sp - S and N Africa, India

lanata (Willd.) Bullock - (= S. **africana** R. Br.) (knietjiesbos, lidjiesbos); trailing jointed perennial, to 600 mm, flowers brown to yellow; 9-12; sandy slopes and plateaus, Clanwilliam (N Cape).

TRIBULUS ca 20 sp - fairly cosmopolitan in warm regions

terrestris L. - (duiweltjies, dubbeljiedoring, volstruisdoring); prostrate annual with spiny fruit, flowers yellow; 2-5; widespread in disturbed ground, probably introduced, (cosmopolitan weed).

ZYGOPHYLLUM ca 100 sp - Africa, Eurasia, Australia

cordifolium L.f. - prostrate large-leafed shrublet, to 300 mm, flowers yellow; 5-9; sandy slopes and dunes, Clanwilliam to Malmesbury (Namaqualand, Namibia).

cuneifolium Ecklon & Zeyher - (skilpadbos); woody shrub, to 2 m, flowers yellow; 3-10; dry lower to middle slopes, Little Karoo.

debile Cham. & Schldl. - spreading soft shrublet, 200-600 mm, flowers yellow; 4-12; stony slopes, Ladismith, Humansdorp, Port Elizabeth (E Cape).

flexuosum Ecklon & Zeyher - (maerbos, spekbos); spreading shrub, to 1 m, flowers yellow; 7-10; sand dunes to lower slopes, Clanwilliam to Uniondale.

foetidum Schrader & Wendl. - (jakkalspisbos, slymbos, poesbos); sprawling shrub, to nearly 2 m, flowers yellow; 7-1; slopes and flats, Nieuwoudtville to Worcester, Ladismith, Swellendam to Port Elizabeth (S Namaqualand, W Karoo).

fulvum L. - (spekbos); straggling shrublet, to 500 mm, flowers cream or yellow; 7-10; sandy and stony lower slopes, Clanwilliam to Port Elizabeth (W Karoo).

lichtensteinianum Cham. & Schldl. - (vaalspekbos); grey-leafed twiggy shrub or shrublet, flowers yellow; 12-2; lower slopes, Swellendam, Uniondale (Karoo).

morgsana L. - (leeubos, skilpadbos, slymbos); robust shrub with large winged fruits, to over 1 m, flowers pale yellow; ?; coastal sands, Clanwilliam to Port Elizabeth (Namibia).

procumbens Adamson - nearly prostrate shrublet, to 300 mm, flowers yellow; 6-1; stony lower slopes, Cape Peninsula.

pygmaeum Ecklon & Zeyher - twiggy shrub, to 300 mm, flowers yellow; 8-12; dry flats and slopes, Nieuwoudtville to Malmesbury, Ladismith, Swellendam (Karoo).

retrofractum Thunb. - (jakkalsbos, vaalkareedoring); spinescent low shrub, flowers pale yellow; 11-12; dry flats, Clanwilliam, Swellendam (Karoo, Namibia).

rogersii Compton - much-branched low shrub, flowers old rose; 9-11; dry upper slopes, Witteberg (W Karoo).

sessilifolium L. - slender prostrate shrub, to 600 mm, flowers white with purple streaks; 4-10; sandy flats and lower slopes, Clanwilliam to Peninsula, Caledon, George?.

spinosum L. - erect or straggling shrublet with small stipular spines, 300-500 mm, flowers white or yellow; 6-9; sandy flats and plateaus, Ceres, Worcester, Montagu, Piketberg to Peninsula.

uitenhagense Sonder - straggling shrublet, to 1 m, flowers yellow; 8-4; coastal scrub, Uitenhage, Port Elizabeth (E Cape).

APPENDIX 1. Families of seed plants in the Cape Flora with numbers of native genera and species and endemism.

Family	Genus	Endemic	Species	Endemic
Acanthaceae	12	-	27	4
Achariaceae	2	-	2	-
Aizoaceae	13	2	109	35
Alliaceae	3	-	8	3
Amaranthaceae	2	-	3	-
Amaryllidaceae	15	3	83	46
Anacardiaceae	4	2	28	11
Apiaceae	24	3	100	72
Apocynaceae	4	-	6	-
Aponogetonaceae	1	-	4	2
Aquifoliaceae	1	-	1	-
Araceae	1	-	1	-
Araliaceae	2	-	5	1
Asclepiadaceae	29	1	125	35
Asparagaceae	2	-	25	6
Asphodelaceae	12	1	172	111
Asteraceae	109	32	986	608
Balanophoraceae	2	1	3	2
Balsaminaceae	1	-	1	-
Bignoniaceae	2	-	2	-
Boraginaceae	8	1	41	22
Brassicaceae	10	4	70	36
Bruniaceae	12	10	75	73
Campanulaceae	16	6	222	157
Capparaceae	3	-	4	-
Caryophyllaceae	3	-	19	9
Celastraceae	7	2	24	4
Ceratophyllaceae	1	-	1	-
Chenopodiaceae	9	-	21	5
Clusiaceae	1	-	2	-
Colchicaceae	6	1	30	19
Commelinaceae	2	-	3	-
Convolvulaceae	5	-	16	4
Cornaceae	1	-	1	-
Crassulaceae	5	-	124	34
Cupressaceae	1	-	3	2
Cucurbitaceae	5	-	7	-
Cunoniaceae	2	1	2	1
Cyperaceae	26	5	203	124
Dipsacaceae	2	-	9	3
Dioscoreaceae	1	-	5	2
Dracaenaceae	2	-	2	-
Droseraceae	1	-	11	9
Ebenaceae	2	-	17	3
Elatinaceae	1	-	1	-
Ericaceae	22	17	672	650
Eriospermaceae	1	-	27	13
Euphorbiaceae	14	2	97	38
Fabaceae	38	8	644	525

Appendix 1. Continued.

Family	Genus	Endemic	Species	Endemic
Flacourtiaceae	5	-	8	1
Frankeniaceae	1	-	2	-
Fumariaceae	4	2	5	2
Geissolomaceae	1	1	1	1
Gentianaceae	5	1	33	20
Geraniaceae	5	-	133	67
Gesneriaceae	2	1	2	1
Goodeniaceae	1	-	1	-
Grubbiaceae	1	1	3	3
Gunneraceae	1	-	1	-
Haemodoraceae	3	2	10	9
Haloragidaceae	2	-	2	-
Hamamelidaceae	1	-	1	-
Hyacinthaceae	20	1	154	83
Hydnoraceae	1	-	1	-
Hydrocharitaceae	2	-	2	-
Hypoxidaceae	4	1	30	19
Icacinaceae	3	-	3	-
Illecebraceae	4	-	5	-
Iridaceae	39	8	612	485
Juncaceae	2	-	14	3
Juncaginaceae	1	-	2	-
Lamiaceae	8	-	42	6
Lauraceae	3	-	4	2
Lemnaceae	3	-	4	-
Lentibulariaceae	1	-	4	-
Linaceae	1	-	14	12
Loganiaceae	3	-	5	-
Loranthaceae	2	-	2	-
Malvaceae	5	-	26	11
Meliaceae	2	-	2	-
Melianthaceae	1	-	3	-
Menispermaceae	2	-	3	-
Mesembryanthemaceae	61	16	660	507
Montiniaceae	1	-	1	-
Moraceae	1	-	4	1
Myricaceae	1	-	7	3
Myrsinaceae	2	-	4	-
Myrtaceae	2	-	2	1
Najadaceae	1	-	1	1
Nymphaeaceae	1	-	1	-
Ochnaceae	1	-	2	-
Oleaceae	3	-	8	2
Oliniaceae	1	-	1	-
Onagraceae	2	-	5	-
Orchidaceae	28	4	206	124
Orobanchaceae	1	-	1	-
Oxalidaceae	1	-	129	90
Papaveraceae	1	-	1	-
Penaeaceae	7	7	21	21
Piperaceae	2	-	3	-

Appendix 1. Continued.

Family	Genus	Endemic	Species	Endemic
Pittosporaceae	1	-	1	-
Plantaginaceae	1	-	3	5
Plumbaginaceae	2	-	15	8
Poaceae	61	4	181	76
Podocarpaceae	1	-	3	1
Polygalaceae	3	-	139	117
Polygonaceae	3	-	6	-
Portulacaceae	2	-	11	4
Potamogetonaceae	1	-	4	-
Primulaceae	3	-	3	-
Proteaceae	14	9	320	306
Ptaeroxylaceae	1	-	1	-
Rafflesiaceae	1	-	2	2
Ranunculaceae	4	-	9	4
Resedaceae	1	-	1	-
Restionaceae	19	12	310	290
Retziaceae	1	1	1	1
Rhamnaceae	4	-	136	122
Roridulaceae	1	1	2	2
Rosaceae	7	-	114	97
Rubiaceae	15	-	54	24
Ruppiaceae	1	-	2	-
Rutaceae	14	6	259	242
Salicaceae	1	-	2	1
Salvadoraceae	1	-	1	-
Santalaceae	4	-	88	68
Sapindaceae	6	1	6	1
Sapotaceae	1	-	1	-
Scrophulariaceae	35	5	310	160
Solanaceae	2	-	19	5
Sterculiaceae	2	-	64	38
Stilbaceae	5	5	13	13
Strelitziaceae	1	-	3	2
Tecophilaeaceae	2	-	6	1
Thymelaeaceae	5	2	122	88
Tiliaceae	2	-	2	-
Typhaceae	1	-	1	-
Ulmaceae	1	-	1	-
Urticaceae	4	-	10	1
Vahliaceae	1	-	1	-
Valerianaceae	2	-	2	1
Verbenaceae	1	-	3	1
Violaceae	2	-	2	1
Viscaceae	1	-	6	-
Vitaceae	2	-	4	-
Xyridaceae	1	-	1	-
Zamiaceae	1	-	4	1
Zannichelliaceae	2	-	3	1
Zosteraceae	1	-	1	-
Zygophyllaceae	3	-	17	5
TOTAL	955	193	8505	5832

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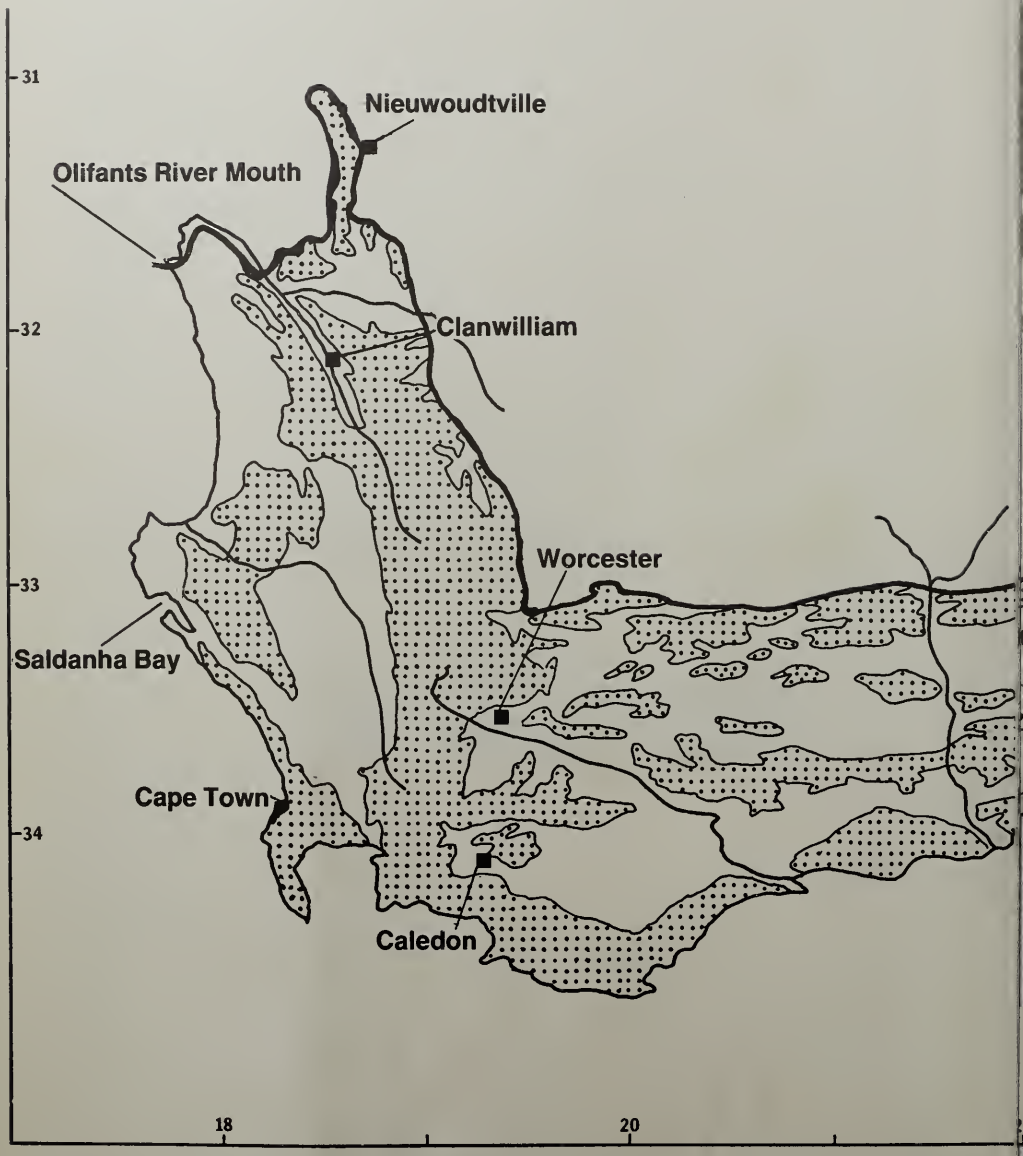
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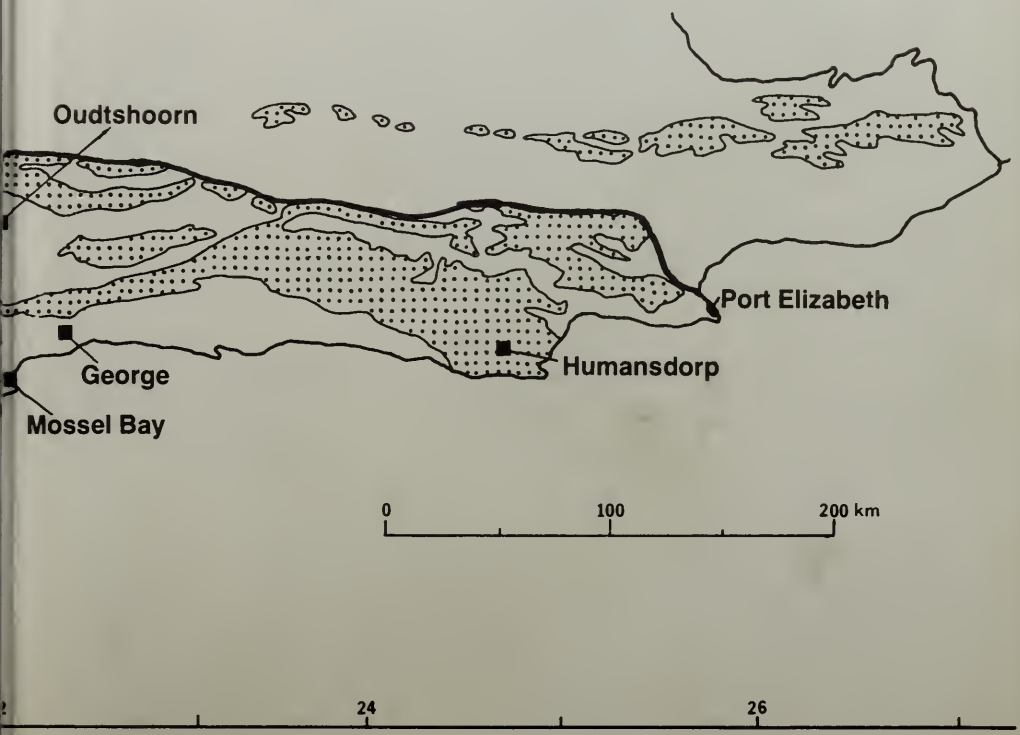
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